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The Ohio State University Quarterly

THE OFFICIAL ORGAN OF THE OHIO STATE UNIVERSITY ASSOCIATION

Published in October, January, April, June, together with the special number "Who's Who" in the Association

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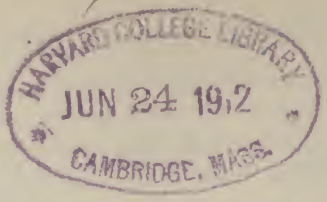

The Ohio State University Association

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President—**Ralph D. Mershon,** '90, 80 Maiden Lane, New City.
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Mrs. Chas. M. Wing, '80	231 Tenth Ave., Columbus, Ohio	Arts	1916

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Charles W. Burkett, '95, "American Agriculturist," New York City.

Editor of "Who's Who"

Edith D. Cockins, '94, Ohio State University, Columbus, Ohio.

Editor of the "Quarterly"

Joseph R. Taylor, '87, Ohio State University, Columbus, Ohio.

PREFACE

THIS volume is issued by **The Ohio State University Association,** an organization of alumni and former students of the University. As it is a publication of the Association and not of the University, it contains the names of members of the Association only, and is, therefore, neither a complete alumni directory nor a roster of ex-students of the University.

It comprises a **Who's Who in the Ohio State University Association,** a classified **Geographical Index** of the members, together with a **Mercantile and Professional Directory.**

As far as is known, this is the first publication of its kind that has ever been issued by any alumni and ex-student organization. It is hoped that it will be an effective means by which Ohio State men and women will be able to serve each other. The idea of this publication originated with the President of the Association, Ralph D. Mershon, and his plan has been largely carried out in the detail of this book.

The dates of degrees and years of attendance at the University have been verified with the University records. All undergraduate honors and memberships in undergraduate organizations have been omitted, with the exception of the National Greek Letter Fraternities. The business address rather than the house address has been given wherever possible.

The problem of classification in the Mercantile Directory has been a difficult one in many instances on account of the meagre information furnished by the individuals concerned. An effort has been made in this first edition to classify each person under as many classifications as seemed advisable without charge for extra classification.

The lists were closed March 1st. All persons, members of the Association, who did not return their Who's Who blanks before that date are listed in a supplementary alphabetical list following the **Who's Who.**

This **Who's Who** volume will be published as an **extra number** of the Ohio State University Quarterly, and will be sent to all members of the Association and to all subscribers to the Quarterly.

EDITH D. COCKINS, Editor.

WHO'S WHO
In the Ohio State University Association

The Ohio State University Quarterly

Volume Three | April, 1912 | Extra Number

Ackerman, Graham Burt Pharmacist
B. Sc. Pharm. 1904
P. J. Ackerman Pharmacy
Columbus, Ohio

Born in Columbus, Ohio, January 25, 1882. Married Erma M. Garrett, September 3, 1909. Attended Ohio State University four years and was graduated in June 1904, with the degree, Bachelor of Science in Pharmacy. At present Pharmacist with the P. J. Ackerman Pharmacy, Columbus, Ohio. Member of Sigma Chi, 32d degree Mason, Knight Templar and Shriner.

Adair, Henry S. Printer and Publisher
W. M. Linn & Sons Co.
108 Clinton Bldg., Columbus, Ohio

Born at McConnellsville, Morgan County, Ohio, in 1878. Attended Culver Military Academy; attended Ohio State University 1901-03, as a special student in the College of Arts. Foreign Correspondent Peruna Drug Co., 1905; National Secretary, American Philatelic Society, 1908-10 and President Columbus Collectors Club, 1911; Editor, The American Philatelist, 1909-10; at present Secretary-Treasurer, W. M. Linn & Sons Company, Auto Printers, Columbus, Ohio. Co-author of "The Stamps of Poland," and author of "The Stamps of Persia." First Lieutenant, Company A, Fourth Infantry, Ohio National Guard. Member of American Philatelic Society, American Nimismatic Society, Sons of Veterans, Republican Glee Club.

Adell, Claude Teacher
B. A. 1909
98 Walnut Street, Ashtabula, Ohio

Born in Groveport, Ohio, December 17, 1887. Attended Ohio State University four years and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher of Science and Mathematics in High School, Shelby, Ohio, 1909-10; since 1910, teacher of Science and Mathematics, Harbor High School, Ashtabula, Ohio. Member of the Northeastern Ohio Teachers' Association and Ohio Teachers' Association.

Adkins, Stanley Principal High School
B. A. 1910
London, Ohio

Born in Pickaway County, Ohio, in 1886. Attended Ohio Northern University; attended Lima College three years; attended the Ohio State University, 1908-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Teacher in country school, two years; teacher in a business college, two summers; two years Principal of High School, London, Ohio, which position he now holds.

Adler, Frederick Henry Teacher
B. A. 1909 A. M. (University of Illinois) 1911
University of Illinois, Champaign, Ill.

Born in Chicago, October 3, 1885. Attended Ohio State University four years and was graduated in June 1909, with the degree Bachelor of Arts. Graduate student at the University of Illinois, 1910-

11 and granted degree, Master of Arts, in June 1911. Substitute Instructor in Germanic Languages and Literatures, Ohio State University, 1909-10; since 1910, Fellow in German, University of Illinois. Member of Phi Beta Kappa and the Philological Society of the University of Illinois.

Agler, Abram Wilhelm Attorney
Canton, Ohio.

Born at Wilmot, Ohio, April 13, 1873. Married Lida May Agler, June 16, 1904. Attended Mount Union College; attended Ohio State University, 1896-97, and was granted a Law Certificate in June 1897. Member of the Stark County Bar and Clerk of the Courts of Stark County, Ohio; Member of Sigma Alpha Epsilon.

Agner, Owen B. Construction Engineer
M. E. 1909
E. W. Clark & Company
909 Wyandot Bldg., Columbus, Ohio

Born in Ottawa, Ohio, April 5, 1885. Attended the Ohio State University four years and was graduated in June 1909, with the degree, Mechanical Engineer. Open Hearth Engineer, with Indiana Steel Company, Gary, Indiana; Assistant Master Mechanic with T. H. Symington Company, Rochester, N. Y.; at present Construction Engineer with E. W. Clark & Co., Columbus, Ohio.

Ahern, William Joseph Attorney
635 Second National Bank Building.
Akron, Ohio

Born at Hudson, Ohio, May 23, 1886. Attended Ohio University, 1906-07; attended Ohio State University, 1908-10, and was granted a Certificate in Law in June, 1910. In January 1911, was appointed Special Counsel in the Akron District for the Department of Attorney General of the State of Ohio, which position he still holds. Member of Delta Chi.

Albrecht, Herman J. Architect
C. E. in Arch. 1908
With Howell & Thomas, Columbus, O.

Born at Massillon, Ohio, March 26, 1885. Married Lucile M. Schrock, February 23, 1910. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer in Architecture. At present with Howell & Thomas, Architects, Columbus, Ohio. House address, 739 Wilson Avenue, Columbus, Ohio.

Alcalay, Jonah Samuel Veterinarian
D. V. M. 1911
Mishicot, Wisconsin

Born at Nissa, Servia, November 26, 1877. Attended University of Wisconsin two years, in Agricultural Course; attended Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine. Practicing Veterinary Medicine in Mishicot, Wisconsin.

Allen, Harry Earl Professor
B. Sc. Agr. 1909
Purdue University, Lafayette, Indiana

Born in Van Wert, Ohio, January 20, 1885. Attended University of Michigan, 1905-06; attended Ohio State University, 1906-09, and was graduated in June, 1909, with the degree, Bachelor of Science in Agriculture. Livestock Representative, American Agriculturist, New York City, July to September 1909; Associate Professor of Animal Husbandry, Virginia Polytechnic Institute, 1909-10; since 1910 Instructor in Animal Husbandry, Purdue University. Contributed Part VI. of Circular 29, Indiana Experiment Station, besides various newspaper articles. Member of American Breeders' Association, Alpha Gamma Rho and Phi Delta Theta.

Allen, Harry Gilliam Architect
C. E. in Arch. 1910
With Otto C. Darst, Architect
Brunson Building, Columbus, Ohio

Born at Nelsonville, Ohio, April 24, 1887. Attended the Ohio State University 1904-05 and 1906-10, and was graduated in June 1910, with the degree,

Civil Engineer in Architecture. Superintendent of Construction for Marriott, Allen & Hall, Architects; at present with Otto C. Darst, architect, Columbus, Ohio. Member of Theta Nu Epsilon and Alpha Tau Omega. House address, 358 Kendall Place, Columbus, Ohio.

Allen, Lee Emel Mechanical Engineer
M. E. 1911
Pennsylvania Engineering Works,
New Castle, Pennsylvania

Born at Lowellville, Ohio, January 23, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer. At present in Engineering Department of Pennsylvania Engineering Works, New Castle, Pennsylvania. Home address, Lowellville, Ohio.

Allen, Lucy
(See Lucy Allen Smart)

Alsdorf, George William Mining Engineer
E. M. 1911
536 Cook Ave., Raton, New Mexico

Born at Utica, Ohio, September 3, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Engineer of Mines. Engineer for The Aurora Gold & Copper Mining Company, Central City, Colorado, from graduation until December 1, 1911; at present Assistant Engineer, The New Mexico-Colorado Coal & Mining Company, and for the Santa Fee, Raton & Eastern R. R. at Raton, New Mexico. Member of Delta Upsilon.

Alsdorf, Percy R. Consulting Engineer
E. M. 1896
Central City, Colorado

Born in Utica, Ohio, August 28, 1875. Married Mary Reed, June 20, 1908. Attended the Ohio State University four years and was graduated in June 1896, with the degree, Engineer of Mines. Owner, Assayer and Chemist, Standard Assay Office, from 1896 to 1910; Engineer Jefferson-Calhoun, 1908-10; Engineer U. P. R. R. M. & M. Co., 1908-11. At present Mining and Consulting Engineer; General Manager of the Aurora Mines Company; Manager, Director and Secretary of the Calhoun Consolidated Mines Company. Secretary of Gilpin County Chamber of Commerce from 1905 to 1911. Member of Masons, Knights Templar and Shriners, Gilpin County Mining Association, Gilpin County Chamber of Commerce and the Mine Owners' Association.

Altstetter, George J.
E. M. 1908 Civil and Mining Engineer
Altstetter & McDaniel
Clarksburg, West Virginia

Born in Lima, Ohio, February 13, 1884. Married Emma E. Krause, February 14, 1910. Attended the Ohio State University four years, and was graduated in June 1908, with the degree, Engineer of Mines. With the Consolidation Coal Company, Engineering Department, George's Creek Region, 1904-05; with City Engineer, Lima, Ohio, Summer 1906; with N. W. Lord as Chemist, Summer 1907; Student Assistant Metallurgy and Mineralogy, Ohio State University, 1907-08; Engineer Consolidation Coal Company, Fairmont Region, 1908-11. Present position, Division Engineer, The Consolidation Coal Company. Altstetter & McDaniel, Civil and Mining Engineers. Member of the West Virginia Coal Mining Institute. The inventor of the "Clarksburg Steel Mine Tie," 1911.

Anderegg, Edith Williams
(Mrs. Gustavus A. Anderegg)
B. A. 1909
339 Wisconsin Ave., Oak Park, Ills.

Born at Lockbourne, Ohio, September 26, 1881. Married Gustavus A. Anderegg, September 9, 1909. Attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts.

Anderson, Ivand I. Mann
(Mrs. John G. Anderson)
B. A. 1907
The Tessenden School
West Newton, Massachusetts

Born at Centre Village, Ohio, September 24, 1886. Married John Garfield Anderson, December 28, 1910. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts.

Anderson, Newton Mitchell
B. Sc. 1879 Principal Private School
Asheville School, Asheville, N. C.

Born at Cincinnati, Ohio, March 18, 1858. Married Elizabeth Close, July 14, 1909. Attended Massachusetts Institute of Technology, one year; attended Ohio State University winter of 1874, 1875-79, and was graduated in June 1879, with the degree, Bachelor of Science. With the Bell Telephone Company, Liege, Belgium, 1880-81; Instructor in Physics, Ohio State University, 1881-83; Instructor in Physics, Central High School, Cleveland, Ohio, 1883-85; Principal of Manual Training School, Cleveland, Ohio, 1885-90; Principal of University School, Cleveland, Ohio, 1890-00; since 1900 Principal of Asheville School, Asheville, North Carolina. Member of Phi Kappa Psi.

Andrews, Catherine
(See Catherine Andrews Gay)

Anspon, Berthold Winifred Professor
B. Sc. Hort. & For. 1910
Box 113, Agricultural College, Miss.

Born in Dayton, Ohio, December 13, 1886. Attended the Ohio State University four years and was graduated in June 1910, with the degree, Bachelor of Science in Horticulture and Forestry. Assistant Professor of Horticulture and Assistant Horticulturist, Mississippi Agricultural College and Mississippi Experiment Station, which positions he has held since October 1, 1910. Member of Alabama Horticultural Society, Knights of Pythias and Gamma Phi.

Arms, George Lyman Draftsman
Fairmont Mining Machine Co.
Fairmont, West Virginia

Born in Muskegon, Michigan, September 9, 1886. Attended the Ohio State University 1905-07, and Fall and Winter 1907-08, in the College of Engineering. With U. S. Cast Iron Pipe & Foundry Company, Columbus, Ohio, for three years; Draftsman, on electric locomotive work, Jeffrey Manufacturing Company, Columbus, Ohio, one and a half years; Draftsman, Marion Steam Shovel Company, eight months; at present Draftsman, Fairmont Mining Machine Company, on coal handling machinery, Fairmont, West Virginia. House address, 723 Walnut Avenue, Fairmont, West Virginia.

Arms, Helen Teacher
B. Sc. Dom. Sci. 1910
508 Caldwell Street, Piqua, Ohio

Born at Muskegon, Michigan, July 14, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science. At present teacher of Domestic Science, Piqua, Ohio. Member of Alpha Phi.

Armstrong, Edna Teacher
B. A. 1897
1436 Neil Avenue, Columbus, Ohio

Born at Bellaire, Ohio, November 29, 1873. Attended the Ohio State University 1892-97, two years preparatory, and was graduated in June 1897, with the degree, Bachelor of Arts; at present teacher of English, South High School, Columbus, Ohio. Member of Delta Delta Delta.

Armstrong, Micajah Russell
M. E. in E. E. 1911 Electrical Engineer
Municipal Electric Light Plant,
Columbus, Ohio

Born at Salem, Ohio, April 2, 1886. Attended Mt. Union College, 1907-08; attended Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Mechanical Engi-

neer in Electrical Engineering. Engineer with M. S. Hopkins, Engineer for E. W. Clark & Company, Columbus, Ohio; at present Chief Electrician, Municipal Electric Light Plant, Columbus, Ohio. House address, 332 West Ninth Avenue, Columbus, Ohio.

Arras, Edmund Frederick
Attorney and Real Estate
11½ N. High St., Columbus, Ohio

Born July 7, 1875, in Dayton, Ohio. Married July 12, 1897, to Elizabeth P. McDerment. Attended the Ohio State University three years, finishing the Law Course with the Class of 1895. Graduate student in Law during 1895-96 and sworn in for the practice of law on the 8th day of July, 1896. Attorney and Real Estate Agent. Business Manager of the Ohio Sunday School Association; Vice-President Franklin County Sunday School Association; President of the Ohio Universalist Sunday School Association. House address, 993 Bryden Road, Columbus, O.

Arundel, John Francis Teacher
B. A. 1906
332 Ellen Street, Cincinnati, Ohio

Born August 6, 1885, at Cincinnati. Attended Ohio State University four years and was graduated in June 1906, with the degree, Bachelor of Arts. Attended the Cincinnati Art Academy, 1906-07; teacher in the Cincinnati Public Schools since 1907. Present position, Assistant Principal Westwood High School, and teacher, East Night High School. Member of the School Masters' Club and Vice-President Public School Athletic League.

Asher, Clyde B. Civil Engineer
C. E. 1905
National Fire Proofing Company
Washington, D. C.

Born at Sedalia, Ohio, August 11, 1883. Married Lois Strickler, October 12, 1908. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Civil Engineer. Chief Engineer, National Fire Proofing Company, Pittsburgh, Pa., 1905-10; since 1910, Manager, National Fire Proofing Company, Washington, D. C. Member of Delta Upsilon. House address, 1316 Euclid Street N. W., Washington, D. C.

Asher, Lois Strickler
(Mrs. Clyde B. Asher)
B. A. 1905
1316 Euclid Street N. W.
Washington, D. C.

Born at Perrysville, Ohio, November 22, 1883. Married Clyde B. Asher, October 12, 1908. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts. Teacher of Latin in High School, Napoleon, Ohio, 1905-08. Member of Phi Beta Kappa.

Ashman, Frank Attorney, Probate Judge
Coshocton, Ohio

Born at Coshocton, Ohio, January 18, 1877. Married Minnie M. Miller, June 2, 1901. Attended Oberlin College two years; attended Ohio State University, September 1898 to April 1900. Appointed Chief Clerk to Hon. M. D. Ratchford, State Labor Commissioner, in 1901; resigned in 1907 to practice law at Coshocton, Ohio; elected Probate Judge in Coshocton County, on Republican ticket, in 1908, which position he still holds. Member of Masonic Lodge, Knights Templar, Knights of Pythias, and Modern Woodmen.

Atkins, Gauis Glenn Clergyman, Author
B. A. 1888. LL. B. (Cincinnati Law School) 1891. D. D. (University of Vermont) 1894. D. D. (Dartmouth College) 1896
204 Bowen St., Providence, R. I.

Born October 4, 1868, Mt. Carmel, Indiana. Married Adelina Haynes, August 25, 1892. Attended Wittenberg College, 1884-05; Ohio State University, 1885-88; Cincinnati Law School, 1890-91; Yale Divinity School. 1891-92. Was

graduated from the Ohio State University in June 1888, with the degree, Bachelor of Arts; was graduated from the Cincinnati Law School in 1891 with the degree, Bachelor of Laws; received the degree, Doctor of Divinity, from the University of Vermont in 1894; received the degree, Doctor of Divinity, from Dartmouth College in 1896. Teacher of history, Mt. Hermon Fitting School; Pastor of the Second Congregational Church, Greenfield, Mass., 1894-00; Pastor, First Congregational Church, Burlington, Vt., 1900-06; Pastor, First Congregational Church, Detroit, Mich., 1906-10; at present Pastor, Central Congregational Church, Providence, R. I. Among his publications are, "Things That Remain," and numerous articles and addresses. Member of Beta Theta Pi, Phi Delta Phi and Phi Beta Kappa. "College Preacher" for Yale, Dartmouth, Amherst, Wellesley, Bowdoin.

Atkinson, Agnes Jessie Teacher
B. A. 1910
Saint Paris, Ohio

Born in Morgan County, Ohio, January 19, 1889. Attended Ohio State University, 1907-10, and was graduated in June 1910, wih he degree, Bachelor of Arts. Since 1910, teacher, Saint Paris High School. Member of Phi Beta Kappa.

Augspurger, Eugene R. Real Estate
B. A. 1906
Portland, Oregon

Born in Middletown, Ohio, July 25, 1880. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. At present engaged in Real Estate Business.

Auld, James Albert Manufacturing Jeweler
M. E. in E. E. 1897
D. L. Auld Company
East Long Street, Columbus, Ohio

Born in Columbus, Ohio, March 3, 1876. Married December 8, 1897. Attended the Ohio State University, 1891-93 preparatory, 1893-97 collegiate, and was graduated in June 1897, with the degree, Mechanical Engineer in Electrical Engineering. Vice-President, D. L. Auld Company, Manufacturing Jewelers, Columbus, O. House address, 1107 East Long Street, Columbus, Ohio.

Avery, Bernard H. Farmer
223 North Prospect Street
Bowling Green, Ohio

Born at Bowling Green, Ohio, May 16, 1890. Attended the University of Michigan one-half year, and the Ohio State University, 1909-10, and Fall Term of 1910. Engaged in farming at the present time. Member of Alpha Tau Omega.

Ayres, Fletcher Teacher
B. A. (DePauw University) 1909
M. A. 1911
Calexico, California

Born at College Hill, Kentucky, June 20, 1884. Attended DePauw University four years and was graduated in June 1909, with the degree, Bachelor of Arts. Graduate student, Ohio State University, with a fellowship in Chemistry, 1909-11, and received the degree, Master of Arts, in June 1911. Since 1911, Teacher of Chemistry and Mathematics, Calexico Union High School, Calexico, California.

Babbitt, Francis Mitchell Engineer
Columbus Railway & Light Company
Columbus, Ohio

Born in Columbus, Ohio, June 8, 1885. Was married June 20, 1906. Attended the Ohio State University, 1902-03 and Fall 1903, in the College of Engineering. Since January 1904, with the Columbus Railway & Light Company and at present, Assistant to Chief Engineer. House address, 1056 Pennsylvania Avenue, Columbus, Ohio.

Bagford, Elbert Harold
710 S. Walnut Street, Troy, Ohio

Born at Troy, Ohio, September 19, 1890. Attended the Ohio State University, 1908-09 and Fall of 1909, in the College of Engineering.

Bahrke, Carl F. Civil Engineer
573 Carpenter Street, Columbus, Ohio

Born in Columbus, Ohio, December 20, 1881. Married Cora M. Schwartz, December 29, 1910. Attended the Ohio State University, 1899-01, in the Industrial Arts Course. Experience as Rodman, Transitman, Draftsman and Superintendent of Construction. At present Assistant City Engineer, Columbus, Ohio, which position he has held for four years.

Bailey, Ervin George Consulting Engineer
M. E. 1903
220 Devonshire Street, Boston, Mass.

Born at Damascus, Ohio, December 25, 1880. Married Carrie Huntington, August 23, 1904. Attended Ohio State University, 1898-03, and was graduated in June 1903 with the degree, Mechanical Engineer. Assistant, Testing Department, Fairmont Coal Co., 1903-06; Chief of Testing Department, Fairmont Coal Co., 1906-07; Chief of the Coal Department, Arthur D. Little, Boston, 1907-09; since 1909, Mechanical Engineer and partner, Fuel Testing Company, Boston, Mass., with specialty Fuel-Combustion and Boiler Testing. Among his publications are, "Accuracy in Sampling Coal," Journal of Industrial and Engineering Chemistry, March 1909; "Fusing Temperature of Coal Ash and its Relation and Rate of Combustion," Ohio Society of Mechanical, Electrical and Steam Engineers. Member of the American Society of Mechanical Engineers, American Society of Testing Materials, American Chemical Society, International Railway Fuel Association, Boston Chamber of Commerce and Sigma Xi.

Bailey, Hazil Harding Mechanical Engineer
M. E. 1910
Packard Motor Car Company
Detroit, Michigan

Born in Columbiana County, Ohio, June 30, 1886. Attended Ohio State University four years and was graduated in June 1910, with the degree, Mechanical Engineer. With the Sebring Motor Car Company, summer 1910; Assistant in Mechanical Engineering, Ohio State University, 1910-11; at present with Packard Motor Car Company, Detroit, Michigan. Junior Member of the American Society of Mechanical Engineers. House address, 1453 Grand Boulevard, E, Detroit, Mich.

Bailey, William Jesse Mechanical Engineer
M. E. 1909
United Coal Company
West Philadelphia, Pa.

Born at Damascus, Ohio, June 7, 1884. Married Cora L. Beckman, October 27, 1909. Attended the Ohio State University, 1902-04, 1906-09, and was graduated in June 1909, with the degree, Mechanical Engineer. Since 1909, Mechanical Engineer, Testing Department, United Coal Company, West Philadelphia, Pa. Junior member, American Society of Mechanical Engineers.

Baker, Duane Henry Photographer
Baker's Art Gallery, Columbus, Ohio

Born in Columbus, Ohio, October 27, 1859. Married Laura Benner, April 22, 1891. Attended the Ohio State University, 1877-78. Member of firm, Baker's Art Gallery, Columbus, Ohio. Member of Governor's Guard Veteran Association, and of Elks Lodge. House address, 193 Woodland Avenue, Columbus, Ohio.

Baker, Hugh Jacob Sales Engineer
C. E. in Arch. 1905
415 Majestic Bldg., Indianapolis, Ind.

Born at Alexandersville, Ohio, December 20, 1882. Married June 20, 1906. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Civil Engineer in Architecture. In Engineering Department, National Cash Register Company, 1906; with American Bridge Company, Ambridge Plant, two years; with Brown-Ketcham Iron Works, Indianapolis, Indiana, two years; since January 1910, Consulting and Sales Engineer, Indianapolis, Indiana.

Member of Indiana Engineering Society, Commercial Club, 32d Degree Mason, and Shriner.

Baldwin, Carl Montgomery Real Estate
64 Miami Avenue, Columbus, Ohio

Born in Columbus, Ohio, January 2, 1885. Attended the Ohio State University in the College of Arts, 1903-04, and in the College of Law, 1904-06. Assistant Secretary of The Guarantee Title and Trust Company of Columbus, 1906-11, and Suburban Real Estate Agent for The Dominion Land Company, June 1, 1911, to the present time. Member of The Ohio Club of Columbus, Phi Gamma Delta and Phi Delta Phi.

Baldwin, Hugh Allen Physician, Surgeon
M. D. (Jefferson Medical College) 1901
347 E. State Street, Columbus, Ohio

Born in Columbus, Ohio, January 16, 1879. Attended the Ohio State University, 1895-98; attended Jefferson Medical College three years, and received the degree, Doctor of Medicine, in 1901; attended University of Vienna, Medical Department, one year, 1909. Assistant Surgeon, State Hospital for Injured Miners, Ashland, Pennsylvania; at present Genito-Urinary Surgeon, Grant Hospital, Columbus, Ohio. Has written numerous articles pertaining to Genito-Urinary Surgery. Member of Ohio State Medical Society, Columbus Academy of Medicine, Phi Kappa Psi, and Phi Alpha Sigma.

Ball, Elmer Darwin
Director Experiment Station
B. Sc. (Iowa Agricultural College) 1895.
M. Sc. (Iowa Agricultural College) 1898. D. Ph. 1907
Utah Experiment Station, Logan, Utah

Born in Athens, Vermont, September 21, 1870. Married Mildred R. Norvell, June 14, 1899. Attended Iowa Agricultural College, Ames, Iowa, 1891-97, and received the degree, Bachelor of Science, in 1895, and the degree, Master of Science, in 1898; attended Ohio State University, 1900-01, 1906-07, and received the degree, Doctor of Philosophy, in June 1907. Assistant in Zoology and Entomology, Iowa State College, 1895-97; Associate Professor, Zoology and Entomology, Colorado Agricultural College, 1897-02; Professor of Zoology and Entomology, Utah Agricultural College, 1902-07; since 1907 Director, Utah Experiment Station. He has published numerous systematic papers and monographs on "The Higher Homoptera," from 1895 to date, including Monographic revisions of Cercopidae, Tettigonidae, and several groups of the Tassidae, also several bulletins and scientific articles on "The Control of the Codling Moth,—by use of Driving Spray." Fellow, American Association for Advancement of Science, member of Entomological Society of America, Utah Academy of Science, member of Iowa Academy of Science, Davenport Academy of Science, Ohio Academy of Science, American Association of Economic Entomologists, Biological Society of Washington, Entomological Society of Washington, Delta Theta Sigma and Sigma Xi.

Ball, Emma Leanna
(See Emma Ball Thomas)

Ball, Ernestine Faye Teacher
B. A. 1903 M. A. 1904
565 E. Broad Street, Columbus, Ohio

Born in Columbus, Ohio, October 20, 1882. Attended the Ohio State University, 1899-04, receiving the degree, Bachelor of Arts, in 1903, and the degree, Master of Arts, in June 1904. At present, teacher in the Ohio School for the Deaf. Member of Pi Beta Phi.

Ball, Fred Samuel Attorney
B. Ph. 1888
First National Bank Building
Montogomery, Alabama

Born at Portsmouth, Ohio, February 14, 1866. Married Florence Corinne Richardson, October 1893. Attended the Ohio State University, 1884-88, and was graduated in June 1888, with the de-

gree, Bachelor of Philosophy. Attorney-at-law, Montgomery, Alabama, since 1891; Council in case of Alonzo Bailey, appealed to Supreme Court of U. S., involving the right of an employer or landlord to hold a laborer or tenant under written contract, and compel him to perform services under pain of criminal prosecution. Director, Exchange National Bank, Union Bank & Trust Co., Cudahy Packing Co. of Montgomery; Southern States Life Ins. Co., and Southern Securities Co., Atlanta, Ga.; Secretary, Alabama Child Labor Commission since 1902. Member American Bar Association, Alabama State Bar Association, Commercial Law League America, Phi Delta Theta, Treasurer, General Council, 1894-98, Commercial Club, and Country Club of Montgomery.

Balph, Harold Russell Draftsman
New Castle, Pennsylvania

Born at New Castle, Pennsylvania, in 1888. Attended Westminster College one year; attended Ohio State University, 1907-10, and Spring of 1911, in College of Engineering. Architectural Draftsman, New Castle, Pennsylvania, 1910-11; since 1911, Architectural Draftsman, Youngstown, Ohio. Member of Architectural League of America and the Bohemian Club.

Balz, Carl Ernest Civil Engineer
Delaware, Ohio

Born in Columbus, Ohio, January 13, 1880. Married Metta Hartenfels, November 28, 1908. Attended the Ohio State University, 1898-01, and part of 1902. Resident Engineer, Columbus, Delaware & Marion Ry. March 1902, to September 1902; Deputy County Surveyor, Franklin County, September 1902-09; since 1909, Deputy County Surveyor, Delaware County.

Bancroft, Elizabeth Harriet Teacher
B. A. 1910
Central High School, Kalamazoo, Mich.

Born in Columbus, Ohio, July 3, 1886. Attended the Ohio State University four years, and was graduated in June 1910, with the degree, Bachelor of Arts. Taught two years in the Clinton Township Grammar School; since 1910, teacher of history, Central High School, Kalamazoo, Michigan. Member of Pi Beta Phi.

Bancroft, Katherine Willett Teacher
B. A. 1906 M. A. 1907
Circleville, Ohio

Born in Columbus, Ohio, November 6, 1884. Attended the Ohio State University five years, and was granted the degree, Bachelor of Arts, in June 1906, and the degree, Master of Arts, in June 1907. Teacher of English and History in High School, Fostoria, Ohio, 1907-08; since 1908, teacher of Latin in High School, Circleville, Ohio. Member of Pi Beta Phi, and Phi Beta Kappa. Home address, The Normandie, Columbus, Ohio.

Banker, Claude Rex Attorney
B. A. 1906 LL. B. 1908
405-407 St. Clair Bldg., Toledo, Ohio

Born in Middletown, Ohio, March 19, 1883. Attended the Ohio State University four years and was graduated in June 1906, with the degree, Bachelor of Arts, and in June 1908, with the degree, Bachelor of Laws. Practicing law in Toledo, Ohio. Member of Delta Upsilon.

Banks, Thomas Dent Mechanical Engineer
M. E. 1910
Department of Public Service
Columbus, Ohio

Born in Newcomerstown, Ohio, December 24, 1885. Attended the Ohio State University five years and was graduated in June 1910, with the degree, Mechanical Engineer. Assistant Engineer, Department Public Service, Columbus, O. Member American Society of Mechanical Engineers. House address, 163 West Ninth Avenue, Columbus, Ohio.

Barcus, Miner Electrical Engineer
M. E. in E. E. 1897
Care of Mrs. D. Sage, 20 Ivanhoe Terrace, East Orange, New Jersey

Born in Columbus, Ohio, July 16, 1876. Attended the Ohio State University, 1892-93 preparatory, 1893-97 collegiate, and was graduated in June 1897, with the degree, Mechanical Engineer in Electrical Engineering. Draughtsman, Rarig Engineering Company, Columbus, Ohio, 1897; in Testing Department, General Electric Company, Schnectady, New York, 1898-99; Draughtsman, Columbia Electric Vehicle Company, Hartford, Connecticut, 1900; Draughtsman, General Electric Company, Schnectady, New York, 1900-01; Engineering Department of above company, 1901-08; at present, manager of a ranch at Hood River, Oregon.

Bareis, Grace Marie Professor
B. A. (Heidelberg University) 1897. Ph. D. 1909
Ohio State University, Columbus, Ohio

Born at Canal Winchester, Ohio. Attended Heidelberg University, 1893-97, and was graduated in 1897 with the degree, Bachelor of Arts; attended Bryn Mawr College, 1897-99; attended Ohio State University, 1906-08, and received the degree, Doctor of Philosophy, in June 1909. Teacher in Miss Roney's School, Philadelphia, Pennsylvania, 1900-06; Fellow in Mathematics, Ohio State University, 1906-08; since 1908, Assistant Professor of Mathematics, Ohio State University.

Barker, Joseph Frederick Agronomist
B. Sc. Agr. 1908. M. Sc. Agr. (Iowa State Agricultural College) 1910
New York State Agricultural Experiment Station, Geneva, New York

Born at Athens, Ohio, August 13, 1884. Married Sophie Hargis, July 25, 1910. Attended Ohio University, 1900-03; attended Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture; attended Iowa State Agricultural College, 1909-10, and received the degree, Master of Science in Agriculture, in 1910. Assistant Professor of Agronomy, Iowa State Agricultural College, 1909-11; at present in charge of Soil Investigations, New York State Agricultural Experiment Station. Member of Alpha Zeta.

Barnaby, Josephine Teacher
B. Ph. 1896
11425 Mayfield Road
Cleveland, Ohio

Born in Canton, Ohio, May 23, 1874. Attended the Ohio State University 1892-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy. Teacher at St. Paul, Minnesota, 1896-97; Teacher at Warren, Ohio, 1897-01; since 1901, Teacher and Assistant Principal, Shaw High School, East Cleveland, Ohio. Member of Kappa Alpha Theta. Grand Vice-President and Member of the Grand Council of Kappa Alpha Theta, 1906-07.

Barnet, Clarence Elwood Chief Clerk
Engineering Department Pennsylvania Lines.
1124 Union Station, Pittsburgh, Pa.

Born at Barnet Station, Preble County, Ohio, December 7, 1872. Married Jean Blackford, October 18, 1899. Attended the Ohio State University, 1896-99. Stenographer to Superintendent, Pennsylvania Lines, 1891-95; Secretary to President, American Tin Plate Company, 1895-96; Accountant, Ohio State University, 1898-99; Statistician to Vice-President, Pennsylvania Lines, 1899-06; Instructor in Law and Mathematics, Carnegie Technical Schools, 1905-08; Principal of Night Commercial Schools, Central Y. M. C. A., Pittsburg, Pa., 1903-09; since 1906 Chief Clerk, Engineering Department, Pennsylvania Lines. Member various Masonic organizations up to and including Knights Templar and the Consistory.

Barnett, Earl R. Merchant
Washington C. H., Ohio

Born in Washington C. H., Ohio, in 1883. Married Iva M. McCoy in 1907.

Attended the Ohio State University, 1902-04. Member of the firm of N. S. Barnett & Son, grocers.

Barrett, William Mitchell Student
Hillsboro, Ohio

Born at Barrett's Mills, Ohio, October 3, 1889. Attended the Ohio State University two and one-half years, 1907-09. Teacher in common schools, 1909-10; High School Principal, 1910-11. At present third year student in Electrical Engineering, Ohio State University.

Barringer, Margaret Kauffman
(Mrs. John M. Barringer)
B. Ph. 1901.
22 Fifteenth Avenue, Columbus, O.

Born in Columbus, Ohio, July 8, 1880. Married John Martin Barringer, June 18, 1902. Attended the Ohio State University 1897-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy. Member of Kappa Kappa Gamma.

Barry, William John Civil Engineer
C. E. 1903
Hocking Valley Products Co.,
New Straitsville, Ohio

Born at New Straitsville, Ohio, April 6, 1879. Attended the Ohio State University, 1898-03, and was graduated in June 1903, with the degree, Civil Engineer. Assistant in Engineering Corps, C. & M. V. R. R., Zanesville, Ohio, July 1903 to October 1903; Chief Engineer of the Columbus & Hocking Coal & Iron Company, New Straitsville, Ohio, October 1903 to August 1911; since August 1911, Chief Engineer and Superintendent Hocking Valley Products Company, New Straitsville, Ohio.

Bates, Sardis William Attorney
B. A. (Otterbein University)
LL. B. (University of Missouri)
210 N. Ball St., Webb City, Missouri

Born at Sandusky, Ohio, June 10, 1876. Married Georgie A. Collier, December 19, 1910. Attended Otterbein University and received the degree, Bachelor of Arts; attended University of Missouri and received the degree, Bachelor of Laws; attended Ohio State University, 1905-06, in the College of Law; at present practicing law at Webb City, Missouri. City Attorney and Counselor, Webb City, Missouri, 1910-12. Member of Delta Chi and Zeta Chi.

Baughman, Ray Leslie Traffic Engineer
M. E. in E. E.
Central District & Printing Telegraph Company, Pittsburgh, Pa.

Born at La Rue, Ohio, February 12, 1886. Married Myrtle Anna Gearhart, October 5, 1911. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. At present engaged in Traffic Engineering, Central District & Printing Telegraph Company, Pittsburgh, Pa. House address, 312 Kelley Avenue, Wilkinsburg, Pennsylvania.

Bayley, William D. Mechanical Engineer
The William Bayley Co., Springfield, Ohio

Born in Wilmington, Delaware, in 1872. Attended Wittenberg College, 1889-90, and the Ohio State University, 1892-93. In the manufacturing business since leaving the University. At present Vice-President The William Bayley Company, Springfield, Ohio. Member of the American Society of Mechanical Engineers. House address, 521 S. Fountain Avenue, Springfield, Ohio.

Beach, Margaret Alice
(See Margaret Alice Beach Holman)

Beam, Henry Greer Attorney
B. Ph. (Kenyon College) 1908
Juris Doctor 1911
121 E. High St., Mount Vernon, Ohio

Born at Mount Vernon, Ohio, August 10, 1885. Married Gladys Sapp, December 25, 1911. Attended Kenyon College,

1904-08, and was graduated in 1908 with the degree, Bachelor of Philosophy; attended Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Juris Doctor. At present attorney-at-law, Mount Vernon, Ohio, and Representative of Canton Roofing Tile Company. Member of Phi Beta Kappa, Beta Theta Pi and Phi Delta Phi. President of Knox County organization of Ohio State University Association. Chief of District VIII. of Beta Theta Pi.

Bear, Firman Edward Professor
B. Sc. Agr. 1908 M. Sc. Agr. 1910
Ohio State University, Columbus, Ohio

Born in Germantown, Ohio, May 21, 1884. Married Mary Helen Judy, July 6, 1911. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture; received the degree Master of Science in Agriculture at Ohio State University in June 1910. Attended Cornell University in Summer of 1909 and University of Wisconsin in the Summer of 1910. Instructor in Agricultural Chemistry, Ohio State University, 1908-09; Instructor in Agricultural Chemistry in Extension Department, Ohio State University, 1909-10; since 1910 Assistant Professor in Agricultural Chemistry (Extension Department). Member of Alpha Zeta and Sigma Xi. House address, 55 E. Woodruff Avenue, Columbus, Ohio.

Beardsley, Orsamus Drake
B. Ph. 1898
Manufacturer Sheet Metal Work
The Sykes Company, Chicago, Illinois

Born in Freedom, Portage County, September 7, 1874. Married Jessie Belle Sykes, November 6, 1900. Attended Ohio State University, 1894-98, and was granted the degree, Bachelor of Philosophy, in June 1898. Manufacturer, Secretary and Treasurer, The Sykes Company, Hollow Metal Windows, Hollow Metal Doors and Sheet Metal Work for Building Construction. Member of Colonial Club of Chicago, Chicago Athletic Association, Order of Scottish Rite Masons, Sigma Alpha Epsilon. House address, 4325 Grand Boulevard, Chicago, Ill.

Beatty, George William
Sales Manager Paper Company
1638 Nicholas Bldg., Toledo, Ohio

Born at Portsmouth, Virginia, February 8, 1866. Married Virginia Hayward, October 2, 1889. Attended the Ohio State University, 1880-81, 1882-85, and winter of 1889. With Central Ohio Paper Company since 1885; now sales manager Toledo office, Toledo, Ohio. Member of Sigma Chi.

Beatty, Marguerite
(See Marguerite Beatty Hohly)

Bechberger, Earl Herbert
M. E. 1911 Mechanical Engineer
The Goodyear Tire & Rubber Co.
Akron, Ohio.

Born at Norwalk, Ohio, May 15, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer. Machinist, June to September 1909, repair shops of the American Steel & Iron Co.; Draftsman, Norwalk Motor Car Company, June to September, 1910. At present Mechanical Draftsman The Goodyear Tire & Rubber Company, Akron, Ohio. House address, 470 Perkins Street, Akron, Ohio.

Beck, Blacque Franklin Farmer
R. R. No. 9, Tiffin, Ohio

Born in Seneca County, Ohio, January 1, 1891. Married February 7, 1911. Attended Heidelberg University three years; attended Ohio State University 1908-10, and received a Certificate in Agriculture in June 1910. At present Farm Superintendent for Guarantee Realty & Trust Company, Tiffin, Ohio. Secretary

Grand Rapids Grange. Member of Alpha Gamma Rho. Winner in State Fair Judging Contest 1910.

Beck, Edwin Long Professor
B. A. 1908 M. A. (Westminster College) 1909
Ohio State University, Columbus, O.

Born in Lithopolis, Ohio, November 9, 1874. Married Lucretia Martha Griffiths, June 21, 1904. Attended the Ohio State University, 1897-00, 1907-08, and Summers 1908, 1909, and was graduated in June 1908, with the degree, Bachelor of Arts; received the degree, Master of Arts, from Westminster College in 1909. Superintendent of Schools, Kirtland, Ohio, 1902-06; Instructor in English, Ohio State University, 1908-09; Assistant Professor of English, Westminster College, Pennsylvania, 1909-10; Professor of English, Westminster College, Pa., 1910-11; since 1911 Assistant Professor of English, Ohio State University. Member of the Schoolmaster's Club.

Bedwell, Charles Francis
Electrical Engineer
B. Sc. (McGill University) 1905
Public Service Railway Company
Newark, New Jersey

Born at Ironton, Ohio, December 11, 1881. Attended the Ohio State University, 1899 and 1902-03 in College of Engineering; attended McGill University, Montreal, Canada, 1904-05, and received the degree, Bachelor of Science in 1905. Since August 1905, Assistant Engineer, Public Service Railway Company, Newark, New Jersey, Member of American Electric Railway Association and of Alpha Tau Omega.

Beebe, Philip Sidney Chemist
B. Sc. Chem. Eng. 1910
Richard City, Tennessee

Born in Moundsville, West Virginia, April 7, 1888. Attended the Ohio State University, 1904-10, and was graduated in June 1910, with the degree, Bachelor of Science in Chemical Engineering. Night Chemist with the Dixie Portland Cement Company June 1910, to July 1911; since July 1911, Assistant Chemist Dixie Portland Cement Company. Member of the American Chemical Society and of Sigma Alpha Epsilon.

Beeler, Clyde S. Pharmacist
143 South E Street, Hamilton, Ohio

Born in Hamilton, Ohio, April 30, 1883. Attended the Ohio State University, 1901-03, and received a Certificate in Pharmacy in June 1903. Pharmacist in Hamilton, Ohio, since graduation. Member of Phi Delta Theta.

Beer, James Anderson Bacteriologist
B. Sc. 1903 M. A. 1906
M. D. (Ohio Medical University) 1906
City Health Department
Columbus, Ohio

Born at Ashland, Ohio, May 5, 1879. Married Gretchen Pauline Miller, June 21, 1906. Attended the Ohio State University, 1898-03 and 1903-06, and was graduated in June 1903, with the degree, Bachelor of Science; in June 1906, received the degree, Master of Arts; attended University of Chicago, Medical Department, Summers of 1903, 1904; attended Ohio Medical University and received the degree, Doctor of Medicine in 1906. Fellow and Assistant in Physiology, Ohio State University, 1903-07; since 1908 Bacteriologist, City Health Department, Columbus, Ohio. Member of American Public Health Association, American Chemical Society, American Association for Advancement of Science, American Medical Association and Sigma Xi.

Belden, Lucy Phoebe
Middlefield, Ohio

Born at Huntsburg, Ohio, March 7, 1885. Attended the Ohio State University 1905-09, in the Domestic Science Course. Principal of High School, Windsor, Ohio, 1909-10; Principal of Centralized School, Mesopotamia, Ohio, 1910-11.

Belden, Sanford Bonner Mining Engineer
E. M. 1895
Mining Department, Jeffrey Manufacturing Company, Columbus, Ohio

Born in Dayton, Ohio, September 28, 1871. Married Bessie May Black May 19, 1897. Attended the Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Engineer of Mines. Mine Inspector for Link Belt Engineering Company, Chicago, July 1895 to June 1896; Salesman Pittsburg District and Manager Pittsburg Office of Jeffrey Manufacturing Company, June 1896 to July 1909; Sales Manager Jeffrey Mfg. Co., July 1909 to 1910; at present Manager Mining Department, Jeffrey Mfg. Co. Member of Military Order Loyal Legion and Phi Gamma Delta. House address, R. F. D. No. 5, Columbus, Ohio.

Belknap, Harry Tyler
LL. B. 1908
Attorney, Surety Bonds Agent
801 Park Bldg., Cleveland, Ohio

Born in Perry, Lake County, Ohio, October 23, 1885. Attended the Ohio State University, 1903-08, and was graduated in June 1908, with the degree, Bachelor of Laws. Practiced law for two years in Cleveland, Ohio; at present engaged in Insurance and the sale of Surety Bonds with The Fred P. Thomas Company, Cleveland, Ohio. Member of Masonic Order and of Sigma Alpha Epsilon and Phi Delta Phi.

Belknap, John Gordon Insurance
B. A. 1907
224 West Tenth Ave., Columbus, O.

Born in Perry, Lake County, Ohio, January 29, 1884. Married Marguerite Lisle June 15, 1911. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Assistant Secretary The Phypers Bros. Company, 1907-09; Secretary The Phypers Bros. Company, General Insurance Agents, Cleveland, Ohio, 1909-10; since January 1911, Local or District Manager The Continental Casualty Company. Member of Sigma Alpha Epsilon.

Bell, Mary Edith Teacher
B. Ph. 1894
96 Lexington Avenue, Columbus, Ohio

Born in Columbus, Ohio, July 2, 1872. Attended the Ohio State University four years and was graduated in June 1894, with the degree, Bachelor of Philosophy. Instructor in English, Mechanic Arts High School, St. Paul, Minn, 1897-99; since 1899 Instructor in English, Central High School (now High School of Commerce), Columbus, Ohio. President of College Club of Columbus, 1907-08; member of Kappa Alpha Theta; Grand Vice-President and Member of Grand Council of Kappa Alpha Theta, 1899-01.

Beman, Lamar T. Teacher
B. A. (Adelbert College) 1901
M. A. 1902
1939 East 86th St., Cleveland, Ohio.

Born at Cleveland, Ohio, in 1877. Attended Adelbert College, 1897-01, and was graduated in 1901 with the degree, Bachelor of Arts; attended Ohio State University, Graduate Department, 1901-02, and received the degree, Master of Arts in June, 1902; attended University of Wisconsin, Summer Sessions, 1907 and 1908; at present attending Cleveland Law School (evening). Since 1902 Instructor in East High School, Cleveland, Ohio. Among his publications are, "Compulsory Industrial Arbitration," Debaters' Handbook, series 1911, and numerous magazine and newspaper articles. Member Masons, Knights of Pythias, Moose, American Economic Association, American Political Science Association, Alpha Tau Omega and Phi Delta Phi.

Benbow, James Davis Draftsman
Kilbourne & Jacobs Manufacturing Co., Columbus, Ohio

Born at Llandlidloes, Wales, March 2, 1877. Was married February 16, 1912,

to Annie Davis. Attended the Ohio State University two years, 1899-01, in the Course in Industrial Arts. Draftsman with Jeffrey Manufacturing Company, Columbus, Ohio, 1901-02; Draftsman, Kilbourne & Jacobs Mfg. Co., Columbus, Ohio, 1902-05; since 1905 Chief Draftsman of the Kilbourne & Jacobs Mfg Co. Member of Board of Education, St. Clair Special School District; member of Woodmen of the World. House address, 661 East Starr Avenue, Columbus, Ohio.

Benedict, Eric Wilson Mechanical Engineer
M. E. in E. E. 1904
Thomaston, Connecticut, R. R. No. 1.

Born in Winsted, Connecticut, September 7, 1879. Married Edith L. Mason, January 18, 1911. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. With Columbus Railway & Light Company, Columbus, Ohio, one year; with N. E. Engineering Company, Waterbury, Connecticut, two years; Draftsman and outside supervision, Bureau of Engineering, Waterbury, Connecticut, three years, which position he now holds.

Benoy, Wilbur Emanuel Attorney
52 East Gay Street, Columbus, Ohio

Born in Croton, Licking County, Ohio, April 29, 1887. Attended Denison University, 1905-06; attended Ohio State University, 1907-10, receiving a Certificate in Law in June 1910. Teacher, 1906-07; since 1910 Attorney with Vorys, Sater, Seymour & Pease, Columbus, Ohio. Member of the Republican Glee Club of Columbus, Ohio.

Bentley, William Preston Professor
B. Agr. 1885 B. A. 1890 and M. A. (Bethany College, W. Va.) 1893.
2740 Hillegass Ave., Berkeley, Cal.

Born in Wilmington, Ohio, April 13, 1862. Married Linnie McCune August 28, 1890. Attended the Ohio State University three years and was graduated in 1885 with the degree, Bachelor of Agriculture. Attended Bethany College, West Virginia, two years and received the degree, Bachelor of Arts in 1890 and Master of Arts in 1893. President Christian Institute, Shanghai, China, 1896-03; Superintendent Pacific Coast Oriental Missions and Professor of Church History, Berkeley Seminary, California, which position he now holds. Among his publications are "Illustrious Chinese Christians," 1906; (in English); "Christ Triumphant," 1905 (in English); "Lives of American Presidents," 1905 (in Chinese); "Outlines of Scientific Agriculture," 1905 (in Chinese); "Immortality," 1905 (in Chinese). Member of Chi Phi.

Benton, Burton P. Attorney
B. Ped. (Ohio Northern University)
Delaware. Ohio

Born in Delaware County, Ohio, October 11, 1872. Married August 25, 1903. Attended Ohio Northern University three years and was graduated with the degree, Bachelor of Pedagogy; attended Ohio State University three semesters, Winter 1904 to June 1905, receiving a Certificate in Law in June 1905. Taught school in Delaware County for ten years; Clerk of Courts of Delaware County six years; Private Secretary to R. D. Cole, Member of Congress from the Eighth District of Ohio; at present Member of the firm of Jewell & Benton, Delaware, Ohio. Member of Odd Fellows and Masons.

Benton, Earl Wingfield Farmer
R. F. D. No. 1, Mendon, Ohio

Born in Auglaize County, Ohio, May 2, 1888. Attended the Ohio State University, 1908-10, and received a Certificate in Agriculture in June, 1910. Farming in Mercer County, Ohio, at the present time.

Berger, Joseph Carl Pharmacist
1042 North High St., Columbus, Ohio

Born in Columbus, Ohio, April 23, 1886. Attended the Ohio State University, 1905-08, and received a Certificate in Pharmacy

in June 1908. Pharmacist with Joseph Berger, Jr., 1042 North High Street, Columbus, Ohio, since graduation. Secretary of Retail Druggists' Association of Columbus, Ohio. House address, 69 W. Fourth Avenue, Columbus, Ohio.

Bering, Edgar A.
Mercantile Business, Secretary and Mgr. Bering Shoe Co., Cincinnati, Ohio

Born at Cincinnati, Ohio, November 19, 1887. Married Ilse L. Billing April 29, 1911. Attended the Ohio State University, 1905-08, in Engineering and Arts Colleges, and first Semester 1908, in College of Law. Sales Manager The Bering Shoe Company and at present Secretary and Manager of that company. Member of the University Club, Cincinnati, Ohio, and of Sigma Chi and Gamma Phi. House address, 2259 Madison Road, E. W. H., Cincinnati, Ohio.

Berman, Samuel Joseph Architect
C. E. in Arch. 1907
644 Market St., Youngstown, Ohio

Born at Kief, Russia, August 14, 1881. Married Saidee Pearl, January 24, 1911. Attended the Ohio State University, 1902-04, Fall 1904, 1906-07, and was graduated in June 1907, with the degree, Civil Engineer in Architecture. Architectural Draftsman, 1901-02; Architectural, Structural Draftsman, Isthmian Canal Commission, Panama, 1905-06; Inspector of Construction, General Foreman of Masonry Construction, Isthmian Canal Commission, Panama, 1907-08; Architectural Draftsman, Office of Supervising Architect, Treasury Department, Washington, D. C., 1908-11; at present Chief Draftsman, Architectural, Youngstown, Ohio. Member of Masonic Lodge and Washington Architectural Club.

Bertsch, Joseph Franz Attorney
LL. B. 1896
139½ South High St., Columbus, Ohio

Born at Wallenstadt, Switzerland, June 12, 1871. Married Dora Etta Albert July 11, 1895. Attended two Swiss Colleges (Gymnasiums) for five years and studied Law and Philosophy for one year at the University of Freiburg; attended University of Munich, Germany, one year; attended University of Zurich, Switzerland, one year; attended Ohio State University, 1895-96, and was graduated in June 1896, with the degree of Bachelor of Laws. At present practicing law in Columbus, Ohio. Author of "Ohio Municipal Pawn Law," the first law of its kind on record. Member of the House of Representatives, 79th General Assembly. House address, 134 West Ninth Avenue, Columbus, Ohio.

Beutler, Frank Ernest Electrical Engineer
M. E. in E. E. 1906
Union Switch & Signal Co., 1041 People's Gas Bldg., Chicago, Ill.

Born in Greenville, Darke County, Ohio, April 3, 1883. Married Myrtle Tippin, September 21, 1910. Attended the Ohio State University, 1901-06, and was graduated in June, 1906, with the degree, Mechanical Engineer in Electrical Engineering. Apprentice with Bullock Electric Company, Cincinnati, Ohio, for six months; apprentice with Union Switch & Signal Company, Swissvale, Pa., for three years; Engineer on Construction, Union Switch & Signal Company, Chicago, Ill., at the present time.

Beyer, William Andrew Lawrence
B. A. 1906 M. A. 1908 Professor Illinois State Normal, Normal, Illinois.

Born in Nuremberg, Germany, July 4, 1881. Married Adelia E. Scatterday, December 15, 1910. Attended Ohio Northern University, 1900-02; attended Ohio State University, 1902-06; graduate student Ohio State University, 1906-07; Chicago University, Summer 1908; Columbia University, 1908-09. Was graduated from Ohio State University in June 1906, with the degree, Bachelor of Arts, and in June 1908, with the degree, Master of Arts. Teacher of History and Civics, High

School, Bloomington, Illinois, for one year; since Summer of 1909 Assistant Professor of History in the Illinois State Normal University. Member of Chi Phi and Phi Beta Kappa.

Bice, Hubert Emerson Teacher
B. A. 1909
Kenton, Ohio

Born near Spencerville, Ohio, in 1886. Attended Miami University, 1906-07; attended Ohio State University, 1907-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher in country school, Allen County, Ohio, 1902-06; Instructor in Mathematics, Wapakoneta High School, Wapakoneta, Ohio, 1909-10; since 1910 Teacher of Science, High School, Kenton, Ohio. Vice-President Hardin County Ohio State University Alumni Association.

Biebl, Andrew Joseph Professor
B. Sc. 1903
Josephinum College, Columbus, Ohio

Born at Gibbon, Minnesota, December 11, 1872. Attended Josephinum College; attended the Ohio State University, 1900-03, and was graduated in June 1903, with the degree, Bachelor of Science. At present Professor of Mathematics at the Josephinum College, Columbus, Ohio.

Biggert, Edward Faber
M. E. 1911 Telephone Engineer
New York Telephone Co., Brooklyn, New York.

Born at West Jefferson, Ohio, September 26, 1890. Attended the Ohio State University, 1906-11, and was graduated in June 1911, with the degree, Mechanical Engineer. At present Engineer for the New York Telephone Company, Brooklyn, New York. Member American Society of Mechanical Engineers. House address, 281 Clermont Avenue, Brooklyn, New York.

Billings, Edward J. Mechanical Engineer
M. E. 1906
Arthur D. Little Co., 93 Broad Street, Boston, Massachusetts

Born at Kirtland, Ohio, October 3, 1883. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Mechanical Engineer. Assistant to Chief Engineer of Power Stations, Pittsburgh Railways Company, July 1906 to January 1907; Assistant Engineer U. S. Geological Survey, February 1907 to April 1909; Assistant Engineer of Power Stations, Pittsburgh Railways Company, May 1909 to March 1911; since April 1911, Assistant Engineer, Arthur D. Little, Inc., Boston. Member of Engineers' Society of Western Pennsylvania, National Association of Stationary Engineers and Masons.

Bischoff, John Wallace Mining Engineer
E. M. 1899
Coalton, West Virginia

Born at Westernport, Maryland, January 4, 1877. Married Bess Sapp, November 17, 1903. Attended the Ohio State University 1894-96, 1897-99, and was graduated in June 1899, with the degree, Engineer of Mines. Engineer, Superintendent and General Manager of Mines in West Virginia, Pennsylvania and Kentucky; at present Chief Engineer Davis Colliery Company, Coalton, West Virginia.

Bissing, William F. Patents Attorney
B. A. (Johns Hopkins University) 1891
M. E. in E. E. 1893
2 Rector Street, New York City

Born in Baltimore, Maryland, November 21, 1871. Attended Johns Hopkins University, 1888-92; attended Ohio State University, 1892-93, and was graduated in June 1893, with the degree, Mechanical Engineer in Electrical Engineering. Attended the Georgetown Law School. Examiner United States Patent Office, 1893-01; since 1901 Patent Attor-

ney, New York City. His publications consist of articles on Wireless Telegraphy. President of the Ohio State University Association of New York.

Black, Lena Carroll McCall
(Mrs. Richard L. Black)
B. Sc. in Dom. Sci. 1908
Hebron, Ohio

Born at Caldwell, Ohio, January 5, 1886. Married Richard L. Black, October 14, 1908. Attended Denison University 1903-04; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Science in Domestic Science.

Blackford, Robert Stanton Civil Engineer
Deputy County Surveyor, Columbus, Ohio

Born in Chillicothe, Ohio, October 15, 1869. Attended the Ohio State University 1889-91, in the Civil Engineering Course. In the office of the Surveyor of Franklin County, Ohio, since June 1891. At present Deputy County Surveyor of Franklin County, Ohio. Member Scottish Rite Masons, Shriners and of Phi Gamma Delta. House address, 86 E. Eighth Avenue, Columbus, Ohio.

Blaire, Edward Guy Mercantile Business
Ph. G. 1895
Shawnee, Ohio

Born in Lancaster, Ohio. Attended Ohio Normal University, Ada, Ohio; attended Ohio State University, 1893-95, and received the degree, Graduate in Pharmacy, in June 1895. Bank Director for eight years; New York Life Insurance Agent for thirteen years; at the present time merchant, jewelry and drugs, Shawnee, Ohio; Agent for New York Life Insurance and Secretary and Treasurer Shawnee Bank Company.

Blake, Joseph M. Attorney
Canton, Ohio

Born in Canton, Ohio, October 13, 1875. Attended the Ohio State University, 1896-97, and received a Certificate in Law in June 1897. Practicing Attorney in Canton. Member of Phi Delta Phi.

Blake, Rosalia Ella Teacher
B. Sc. Dom. Sci 1911
5 Locust Street, Cambridge, Maryland.

Born in Evanston, Illinois, September 22, 1881. Attended the University of Colorado in 1903; attended Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science. At present teacher of Domestic Science in Cambridge High School, Cambridge, Maryland.

Blakesly, Philip Israel Teacher
B. A. 1910
Cambridge, Ohio

Born at Dayton, Ohio, September 19, 1880. Attended Colorado College, 1904-05; attended University of Michigan, 1905; attended Ohio State University, 1908-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Since 1910 teacher of History and English, High School, Cambridge, Ohio. Member of Phi Beta Kappa.

Blakiston, Mary
(See Mary Blakiston Guild)

Bliven, Charles Edgar
M. E. 1909 Mechanical Engineer
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio.

Born in Elmore, Ohio, October 16, 1878. Attended the Ohio State University, 1904-09, and was graduated in June 1909, with the degree, Mechanical Engineer. Journeyman, Machinist and Draftsman before entering college; Student Assistant in Woodworking, Ohio State University for two years; Draftsman and Checker for firms in Columbus, Ohio, during remainder of college course; at present Assistant Chief Engineer, The Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio. House address, 122 West Third Avenue, Columbus, Ohio.

Blohm, Anna Frances Professor
B. L. (Marrietta College) 1905
B. Sc. Dom. Sci. 1909
Ohio State University, Columbus, Ohio

Born at Marietta, Ohio. Attended Marietta College and received the degree, Bachelor of Literature in 1905; attended Ohio State University, 1907-09, and was graduated in June 1909, with the degree, Bachelor of Science in Domestic Science. Assistant in Domestic Art, Ohio State University, 1909-11; Instructor in Domestic Art, Ohio State University, 1911, and at present in charge of the department.

Blosser, Rolland Ernest Mining Engineer
E. M. 1910
Aura Lake, Porcupine District, Ontario

Born at Newcombe, Tennessee, July 22, 1887. Attended the Ohio State University, 1905-08, 1909-10, and was graduated in June 1910, with the degree, Engineer of Mines. Assistant Engineer, The New Sabinas Coal Company, Ltd., Haclenda de Sabinas, Coalmila, Mexico, 1908; Chief Engineer for Cia Carbonifera "Agujita Anexas," South America; Mineral de Lampacitos, Coalmila, Mexico, 1909; Student Assistant in Mine Engineering, Ohio State University, 1909; Mine Foreman, Cirrus Coal & Coke Company, Big Four, West Virginia, 1910; at present Engineer in charge of Schumacher Mines, Aura Lake, Ontario. Member of Masonic Order.

Blum, Robert Gustav Pharmacist
B. Sc. Pharm. 1911
Pure Drugs Co., Portsmouth, Ohio.

Born at Portsmouth, Ohio, March 24, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Pharmacy. At present Assistant Manager Pure Drugs Company, Portsmouth, Ohio. Member of Phi Delta Chi. House address, 808 Grimes Avenue, Portsmouth, Ohio.

Bock, Theodore E. Attorney
LL. B. 1901
Reutschler Bldg., Hamilton, Ohio.

Born in Hamilton, Ohio, August 24, 1879. Attended Law School, University of Cincinnati, October 1897 to June 1898; attended Law College, Ohio State University, September 1899 to June 1901. Special Student in Arts College, Ohio State University, September 1901 to June 1902, when he was granted the degree, Bachelor of Laws as of the Class of 1901. Special Agent, Census of 1910, Manufactures Statistics (U. S.); Secretary to Mayor of Hamilton, Ohio, 1910-11. At present Attorney-at-Law, Hamilton, Ohio. Member of United Spanish War Veterans, Knights of Pythias, Hamilton Chamber of Commerce, Southwestern Ohio State University Club (Cincinnati).

Boden, Elmer E. Attorney
Office of City Solicitor, Barberton, Ohio.

Born in Norton Township, Summit County, Ohio, October 23, 1880. Was married August 20, 1908. Attended Buchtel College, Akron, Ohio, one and a half years; attended Ohio State University, 1904-07. Admitted to Bar of Ohio in June 1907; practiced Law in Barberton, Ohio, until December 1, 1908; Deputy Probate Clerk of Probate Court, Summit County, December 1, 1908, to January 1, 1912; at present City Solicitor, Barberton, Ohio. Member of Masonic Lodge, Odd Fellows, Sons of Veterans, Division Patriotic Instructor, Division of Ohio, Sons of Veterans, U. S. A.

Bodman, Mary Elizabeth
(See Mary E. Bodman Hammond)

Boehme, Adolph Joseph
M. E. 1901 Mechanical Engineer
Youngstown, Ohio

Born in Union City, Indiana, October 12, 1877. Married May 28, 1907. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Mechanical Engineer. With Contracting Engineer in Iron and Steel Mill

Construction, 1901-06; Construction Engineer Shenango Furnace Company, Sharpsville, Pa., 1906-07; at present Chief Field Engineer, The Youngstown Sheet & Tube Company. President of the Engineers' Club of Youngstown, Ohio.

Boesel, Albert George Journalist
B. A. 1907 M. A. (Yale University) 1909
New York Times, New York City

Born in New Bremen, Ohio, December 16, 1885. Married Helen Harrison, May 27, 1911. Attended the Ohio State University, 1903-07; graduate work, 1907-08; was graduated in June 1907, with the degree, Bachelor of Arts; attended Yale University and received the degree, Master of Arts in 1909. Since 1909 with Editorial Department, New York Times. Member of Ohio State University Association of New York, Yale Club, New York City, Chi Phi Club of New York and Chi Phi. House address, 250 West Seventy-eighth Street, New York City.

Boesel, Frank Tilden Attorney
B. Ph. 1896 LL. B. (Harvard University) 1899
308 Caswell Building, Milwaukee, Wis.

Born at New Bremen, Ohio, August 2, 1876 Married Ella H. Manegold, June 19, 1906. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy; attended Harvard University three years and was graduated in 1899 with the degree, Bachelor of Laws. Attorney-at-Law since 1899; Law Lecturer, Marquette University, 1909-11; since February 15, 1911, Member of Law Faculty, University of Wisconsin. Member of Knights Templar and Wisconsin Consistory 32nd degree Masons. Phi Delta Phi and Phi Beta Kappa. Vice-President of Wisconsin Humane Society.

Boesel, Robert C. U. S. Consular Service
B. A. 1909
Carlsbad, Bohemia, Austria

Born at New Bremen, Ohio, January 6, 1888. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Assistant in Library, Ohio State University, 1908-09; Clerk, Department of State, Washington, D. C., July 9, 1909, to September 10, 1910; since October 11, 1910, American Vice and Deputy Consul, Carlsbad, Austria. Member of Delta Kappa.

Bohn, Frank Editor
B. Ph. 1900 M. A. 1901
Ph. D. (University of Michigan) 1904
International Socialist Review, 118 W. Kinzie Street, Chicago, Ill.

Born at Warrensville, Ohio, September 26, 1878. Attended the Ohio State University, 1899-02, and was graduated in June 1900, with the degree, Bachelor of Philosophy, and June 1901, with the degree, Master of Arts; attended University of Michigan and received the degree, Doctor of Philosophy in 1904. Fellow in History, University of Michigan, 1902-04; Labor Union and Socialist Organizer, 1904-06; Teacher Sachs Collegiate Institute, 1908-09; Lecturer, Columbia University, New York City, 1909-10. At present Associate Editor International Socialist Review. Co-Author with William D. Haywood, "Industrial Socialism," 1911.

Boli, Peter Paul Attorney
617 Reutschler Bldg., Hamilton, Ohio

Born at Hamilton, Ohio, March 31, 1885. Attended the Ohio State University, 1904-05, in the College of Arts, and 1905-08, in the College of Law. At present Attorney-at-Law, Hamilton, Ohio. Member of Sigma Alpha Epsilon and Theta Nu Epsilon.

Bond, Allen Advertising Manager
M. E. in E. E. 1909
Ohio Brass Company, Mansfield, Ohio

Born in Montgomery County, Ohio, July 14, 1885. Attended the Ohio State Uni-

versity, 1904-09, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. Electrical Apprentice, Pennsylvania Lines, one year; Commercial Engineer, Ohio Brass Company, one year. Since April 1, 1910, Assistant Advertising Manager, Ohio Brass Company. Member of Delta Upsilon and Eta Kappa Nu.

Bond, Charles Grosvenor Attorney
LL. B. 1899
Coulter, Bond & McKinney, 2 Rector Street, New York City.

Born in Columbus, Ohio, May 29, 1877. Married Bertha Paterson, June 27, 1905. Attended the Ohio State University, 1892-93, preparatory, 1893 Fall Term, and 1894-95, in College of Engineering; 1897-99, College of Law, and was graduated in June 1899, with the degree, Bachelor of Laws. At present member of firm of Coulter, Bond & McKinney, New York City, practicing attorneys. Member of Phi Delta Theta and Phi Delta Phi.

Bonnet, Edwin Spilman Mining Engineer
E. M. 1909
T. & O. C. Ry. Co., Columbus, Ohio

Born in Zanesville, Ohio, June 12, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Engineer of Mines. Division Engineer, Consolidation Coal Company, Fairmont, W. Va., June 1909 to February 1, 1912. At present Mining Engineer, T. & O. C. Ry. Co., Columbus, Ohio. Member of Phi Gamma Delta and Sigma Xi. House address, 293 West Eighth Avenue, Columbus, Ohio.

Bonnet, Frank Henry
M. E. 1909 Mechanical Engineer
The Buckeye Steel Castings Company, Columbus, Ohio

Born in Zanesville, Ohio, June 12, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer. At present with The Buckeye Steel Castings Company, Columbus, Ohio. Member of Phi Gamma Delta. House address, 293 West Eighth Avenue, Columbus, Ohio.

Booker, Warren H. Sanitary Engineer
C. E. 1908
503 N. Wilmington St., Raleigh, N. C.

Born in Dayton, Ohio, March 10, 1882. Married Anne Stewart Leaming July 26, 1911. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer. Assistant in Engineering Department Ohio State Board of Health, Columbus, Ohio, 1908-09; Chief Engineer Ohio Fuel Oil Company, Charleston, West Virginia, 1909 to April 1911. Since April 1911, Assistant Secretary with duties of Sanitary Engineer to North Carolina State Board of Health, Raleigh, North Carolina. Among his published articles are "Economic Value of a Public Water Supply from a Sanitary View Point Alone," 1911; "Rural Sanitation" and other articles and editorials in Bulletin of North Carolina State Board of Health since May 1911; edits the weekly press service of the North Carolina State Board of Health for the newspapers of the state. Member of American Water Works Association and Ohio Engineering Society.

Boord, Cecil Ernest Professor
B. A. (Wabash College) 1907
M. A. 1909
Ohio State University, Columbus, Ohio

Born in Veedersburg, Indiana, June 29, 1884. Attended Wabash College, Crawfordsville, Indiana, 1903-07, receiving the degree, Bachelor of Arts in June 1907; attended Ohio State University, 1907-12, receiving the degree, Master of Arts, in June 1909. Assistant in Analytical Chemistry, Wabash College, 1906-07; Fellow in Department of Chemistry, Ohio State University, 1907-09; since 1909 Assistant in Chemistry, Ohio State University. Joint author with Dr. William McPherson of article on "The Action of Substituted Hydrazines on B-Orthotoluquinone," published

in Journal of American Chemical Society, Vol. XXXIII. Member of the American Chemical Society and of Sigma Xi.

Booth, Carl Howard Advertising Manager
B. Ph. 1903
The Iron Trade Review, 1328 Monadnock Bldg., Chicago, Ill.

Born at Columbus, Ohio, February 10, 1882. Married LaVere Huffman, November 1, 1906. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Philosophy. Chemist Lorain Steel Company, Lorain, Ohio, 1903-04; Secretary Ohio State Board of Commerce, Columbus, Ohio, 1904-10; at present Western Manager, The Iron Trade Review, 1328 Monadnock Building, Chicago. Member of City Club of Chicago and Secretary-Treasurer Ohio State Club of Chicago. House address, 820 Edgecomb Place, Chicago, Illinois.

Booth, George Hamilton Attorney
LL. B. 1906
553 E. Town Street, Columbus, Ohio.

Born in Columbus, Ohio, October 6, 1882. Attended the Ohio State University 1899-00, 1903-06, and was graduated in June 1906, with the degree, Bachelor of Laws. Attended University of Virginia two years. At present practicing law, Columbus, Ohio. Member of Phi Delta Phi and Beta Theta Pi.

Boothman, Dale Maxwell
M. E. 1903
Mechanical Engineer and Draftsman
Shredded Wheat Co., Niagara Falls, New York

Born at Bryan, Ohio, February 17, 1877. Married Jessie Dillman, June 6, 1906. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Mechanical Engineer. Apprentice, Draftsman, Experimental Engineer, Carnegie Steel Company, Mingo Works, 1903-09; Master Mechanic, Indianapolis Water Company, 1909-11; since 1911, Draftsman, Shredded Wheat Company, Niagara Falls, New York. Royal Arch Mason and member of Delta Tau Delta. House address, 554 Fifth Street, Niagara Falls, New York.

Borchers, Perry Elmer Civil Engineer
C. E. 1907
Keithline Construction Co., National Bank of Arizona Bldg., Phoenix, Arizona

Born in Montgomery County, Ohio, February 3, 1881. Attended Ohio Northern University, Winter of 1898 and 1899; attended National Normal University, Lebanon, Ohio, April to September 1903; attended Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer. Draftsman, Land Office Service, Office of Surveyor-General, Cheyenne, Wyoming, July 1907 to March 1908; Civil Engineer and Superintendent of Construction, War Department, U. S. A., March 1908, to November 1911, and stationed as follows: Whipple Barracks, Arizona; Fort D. A. Russell, Wyoming; Fort Bayard, New Mexico, and Fort Huachuca, Arizona; at present, Contracting Engineer and member of firm, Keithline Construction Company, National Bank of Arizona Building, Phoenix, Arizona. Associate Member, American Society of Civil Engineers, and member of Sigma Xi. House address, 608 North Third Street, Phoenix, Arizona.

Bornhorst, August Henry
M. E. 1911
Mechanical Engineer, Draftsman
40 Windemere Ave., Detroit, Mich.

Born at St. Marys, Ohio, August 1, 1888. Attended the Ohio State University, 1906-11, and was graduated in June 1911, with the degree, Mechanical Engineer. Draftsman with The Willys-Overland Automobile Co., September 1, 1911 to October 1, 1911; since October 1911, Tracer Draftsman, with Edward Gray, Consulting Engineer for the Ford Motor Company. Detailer and Checker on the design of gas engines. Member of American Society of Mechanical Engineers.

Bossert, Carl Donald Civil Engineer
C. E. 1908
Cuyahoga Falls, Ohio, P. O. Box 136

Born in Washingtonville, Ohio, May 3, 1884. Attended the Ohio State University and was graduated in June 1908, with the degree, Civil Engineer. Instrument Man with Pennsylvania Lines, 1906-08; Departmental Civil Engineer, U. S., 1909-10; Transitman on Railroad Location with Consolidation Coal Company, 1910-11. Since 1911, Resident Engineer, Northern Ohio Power Company. Member of the American Society of Civil Engineers, Junior Grade, and Acacia.

Bostater, Herbert L. Telephone Engineer
M. E. in E. E. 1904
Western Electric Co., Chicago, Ill.

Born in Ney, Ohio, in 1874. Married Willa Elliott in 1906. Attended Defiance College two years and the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Installer, Central Union Telephone Company, Columbus, Ohio, 1904; Electrical Engineer, National Cash Register Company, Dayton, Ohio, 1905; since 1906, Telephone Engineer, Western Electric Company, Chicago, Ill. Member of American Institute Electrical Engineers. House address, 5153 W. Huron Street, Chicago, Ill.

Bostwick, Homer Zurmehly Attorney
B. A. 1900 LL. B. 1902
City Magistrate, Columbus, Ohio

Born at Richmondale, Ross County, Ohio, July 16, 1876. Married Estella Mae Myers, November 3, 1909. Attended the Ohio State University, 1896-02, and was graduated in June 1900, with the degree, Bachelor of Arts, and in June 1902, with the degree, Bachelor of Laws. Since August 1903, City Magistrate, or Justice of the Peace, Montgomery Township, City of Columbus, Franklin County, Ohio. Member of Chamber of Commerce, Columbus, Ohio, North Side Chamber of Commerce, Masons, Odd Fellows, Delta Upsilon and Phi Delta Phi. House address, 181 Thirteenth Avenue, Columbus, Ohio.

Bostwick, Oliver Newton Civil Engineer
C. E. 1902
Mt. Sterling, Ohio

Born in Mt. Sterling, Ohio, May 6, 1880. Married Loye A. Julian, June 21, 1905. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Civil Engineer. Since leaving college he was with the B. & O. R. R. Co. on maintenance work; C. N. & Z. Electric Railway on construction work; Columbus Citizens Telephone Company on underground conduit construction; National Tube Company, Wheeling, West Virginia, on heavy machinery foundations; farming at the present time.

Bostwick, Valeria Teacher
B. A. 1909 M. A. 1910
20 N. Benton St., Mansfield, Ohio

Attended the Ohio State University, 1898-00 and 1907-10, and was graduated in June 1909, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Teacher in High School, Mt. Sterling, Ohio, September 1910 to February 1911; since February 1911, Teacher in High School, Mansfield, Ohio. Home address, 201 W. Eleventh Ave., Columbus, Ohio.

Boving, Antonia
B. Sc. Edu. 1911
Carroll, Ohio

Born near Carroll, Ohio, in 1886. Attended the Ohio State University, 1906-08, and 1909-11, and was graduated in June 1911, with the degree, Bachelor of Science in Education.

Bowen, Charles Flood Physician
M. D. (Starling Medical College) 1903
125 S. Grant Ave., Columbus, Ohio

Born in Columbus, Ohio, February, 1878. Married in 1903. Attended the

Ohio State University and received a Certificate in Pharmacy in June 1900; attended Starling Medical College, and received the degree, Doctor of Medicine, in 1903. Radiographer to Grant Hospital and St. Francis Hospital, Columbus, Ohio. First Lieutenant Medical Reserve Corps, U. S. A. Specialist X-Ray Diagnosis and Treatment, Columbus, Ohio. Among his published articles are, "Localization of Foreign Bodies in the Eye," 1906 and 1908; "The Use of the Fluoroscope in Removal of Foreign Bodies," 1908; "The Removal of Foreign Bodies from the Esophagus and Bronchus," 1911; other articles on X-Ray work. Treasurer, American Roentgen Ray Society, Ohio State Medical Association, and Alpha Mu Pi Omega.

Bowen, John Rochester Banker
Cashier, The Bank of Sugar Grove, Ohio

Born in Logan, Hocking County, Ohio, May 4, 1882. Married Ida B. Hamilton, April 11, 1905. Attended the Ohio State University, 1901-02, and New England Conservatory of Music one year. Engaged in Piano Tuning, 1903-04; Teller, National Bank of Logan, 1904-06; since 1906, Cashier, The Bank of Sugar Grove, Ohio. Member of Masonic Order and of Kappa Sigma. House address, 110 East Oakland Avenue, Columbus, Ohio.

Bowling, Alonzo J.(colored) Hotel Manager
B. A. (Albion College) 1906. M. A. 1908
Hotel Upton, 130 Dartmouth Street, Boston, Massachusetts

Born at Lincoln, Illinois, August 25, 1878. Attended Kansas State Normal College, four years, and received Diploma and Life State Certificate; attended University of Michigan, 1903-04; attended Albion College, 1904-06, and received the degree, Bachelor of Arts, in 1906; attended Northwestern University, 1906-07; attended Ohio State University, 1907-08, and was graduated in June 1908, with the degree, Master of Arts; attended Harvard University, 1909-10; Boston University, 1910. Conductor of Teachers' Institutes in Kentucky and Tennessee, Summers of 1906 and 1907. At present, Manager Hotel Upton, Boston, Massachusetts, and Graduate Student (second year) at Harvard University. He is the author of "A Study of Negro Education," January 1912. Member of American Association for Advancement of Science, The Negro Literary Association of Kansas and the West, Inter-State American Association for International Conciliation. Held Scholarship in Graduate School at Harvard University, 1909-10.

Bownocker, John Adams
B. Sc. 1889 D. Sc. 1897
Professor and State Geologist
Ohio State University, Columbus, Ohio

Born in St. Paul, Ohio, March 11, 1865. Married Anna K. Flint, June 12, 1911. Attended the Ohio State University, 1883-89, receiving the degree, Bachelor of Science, in June 1889; attended University of Chicago, 1892-94; Yale University, 1894-95; received the degree, Doctor of Science, at Ohio State University in June 1907. Principal of High School, Martin's Ferry, Ohio, 1889-92; various positions in Geology Department at the Ohio State University, since 1895, and now holds the position of Professor of Inorganic Geology, and is also State Geologist of Ohio. He has written numerous articles on Geological subjects. Member of Geological Society of America, American Association for Advancement of Science, Ohio Academy of Science, Honorary Member of Natural Gas Association of America, member of Chi Phi.

Bowser, Earl Levi
B. Sc. Agr. 1906
Manager Milk Condensing Plant
77 East Avenue, Wellsboro, Pa.

Born in Tedrow, Ohio, April 7, 1881. Married Olive H. Porter, December 14, 1907. Attended the Ohio State University six years and was graduated in June

1906, with the degree, Bachelor of Science in Agriculture. Dairy Operator on Chestnut Hill Farm, Coalburg, Ohio, June 1906 to May 1907; Field Manager, Helvetia Milk Condensing Company, Wellsboro, Pa., May 1907 to March 1911. Since March 1911, Assistant Manager Helvetia Milk Condensing Company, Wellsboro, Pa. Member of the Grange.

Boyd, James Ellsworth Professor
B. Sc. 1891. M. Sc. (Cornell University) 1896
Ohio State University, Columbus, Ohio

Born in Muskingum County, Ohio, November 6, 1863. Married Emma Clark Wells, June 15, 1893. Attended Ohio Wesleyan University, 1884-86; attended Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Bachelor of Science; attended Cornell University, 1895-96, receiving the degree, Master of Science, in 1896. Assistant in Physics, Ohio State University, 1891-95; Assistant Professor of Physics, Ohio State University, 1896-01; Assistant Professor of Mathematics, Ohio State University, 1901-06. Since 1906, Professor of Mechanics, Ohio State University. Among his publications are, "Differential Equations," 1905; "Strength of Materials," 1911. Fellow, American Association for Advancement of Science, Member of Society for Promotion of Engineering Education, and Sigma Xi.

Boynton, Frank J. Farmer
Haverhill, Scioto County, Ohio

Born at Haverhill, Ohio, August 20, 1882. Married Edith Newton Feurt, September 16, 1908. Attended the Ohio State University in the College of Agriculture, 1900-02, and received a Certificate in Agriculture in June, 1902. Farmer near Haverhill, Ohio, at the present time. Member of Knights of Pythias and the Grange.

Bradford, Florence Josephine
1598 Neil Ave., Columbus, Ohio

Born in Columbus, Ohio, in 1890. Attended the Ohio State University, 1908-10, in the College of Arts. Member of Pi Beta Phi.

Bradford, Joseph Nelson
M. E. 1883 Professor and Architect
Ohio State University, Columbus, Ohio

Born in Coloma, California, April 3, 1860. Married Emma Walter, December 30, 1885. Attended the Ohio State University two years in the Preparatory Department and four years in Collegiate Department, receiving the degree, Mechanical Engineer, in 1883. Ohio Geological Survey, Summers of 1882, 1883; Engineering and Architecture, Pennsylvania Railroad, 1883-85; Assistant in Mechanical Engineering and Drawing, Ohio State University, 1885-91; Assistant Professor of Drawing, ibid. 1890-93; Associate Professor of Drawing, ibid. 1893-99; Professor of Architecture and Drawing, ibid. 1899-06; Professor of Architecture, ibid, 1906-11; since 1911 Professor of Architecture and University Architect, Ohio State University. Architect for Emerson McMillin Astronomical Observatory, Brown Hall, Veterinary Laboratory and Archaeological and Historical Museum Building at Ohio State University; Ohio State Building at Jamestown Exposition, and Consulting Architect for the remodeling of the Tuscarawas County Court House. Among his publication are, "Duplication of Drawings," (Transactions of Ohio Society of Civil Engineers, 1889); "Photographic Instruction," (International Annual of Photography, Vol. VII., 1895); "Scale of Measurements in Photographic Work," (International Annual of Photography, Vol. XIV., 1902); "Photographic Notes for Students," (Published by author, 1903, Revised, 1906); Ohio State Building Code, (The Ohio Architect, Nov. 1911, Vol. XVIII.). Member of American Society for Promotion of Engineering Education, Columbus Society of Architects, and of Sigma Xi.

Brakeman, Roy Edgar Mechanical Engineer
Tennessee Coal, Iron & R. R. Co.
Birmingham, Alabama

Born in Witchita, Kansas, October 8, 1880. Attended the Ohio State University two terms, Winter and Spring of 1904. Tracer and Draftsman, Cleveland Electric Street Railway, June 1901 to August 1901; Tracer and Draftsman, Garrett-Cromwell Engr. Co., Cleveland, Ohio, August 1901 to January 1902; Assistant Engineer on Construction, Alabama Steel & Wire Company, Gadsden, Alabama, January 1902 to July 1902; Assistant in Drafting Department, Illinois Steel Company, So. Chicago, Ill., July 1902 to January 1906; Squad Foreman in Engineering Department, Lackawanna Steel Company, Buffalo, New York, January 1906, to July 1906; Squad Foreman to Chief Draftsman and Assistant to Chief Engineer, Tennessee Coal, Iron & R. R. Co., Ensley, Alabama, July 1906 to August 1909; since August 1909 Assistant Chief Engineer, Tennessee Coal, Iron & R. R. Co., Birmingham, Alabama. President, Birmingham Section of The Engineering Association of the South, and Director in General Association.

Brandon, Mary Josephine Teacher
B. A. 1907
118 Miami Ave., Columbus, Ohio

Born in Bellefontaine, Ohio, June 3, 1883. Attended the Ohio State University four years and was graduated in June 1907 with the degree, Bachelor of Arts. Teacher of English and History, High School, Ottawa, Ohio, 1907-08; Teacher of English and History in High School, Mt. Sterling, Ohio, 1908-10; Teacher of Physical Geography and English at Mt. Vernon Avenue Junior High School, Columbus, Ohio, 1910-11, which position she now holds. Spent two summers in Social Settlement Work in Chicago, Ill., and took one term of work at Chicago School of Civics and Philanthropy. Member of Delta Delta Delta.

Briggs, Warren Milton Teacher
B. A. 1911
Piqua, Ohio

Born in Horton, Kansas. Attended the Ohio State University four years and was graduated in June 1911 with the degree, Bachelor of Arts. Since September 1911 High School Teacher at Piqua, Ohio. Member of Delta Tau Delta.

Brightman, Harrison Morton
Manufacturer, Machinery—Iron and Steel
The Brightman Mfg. Co.
South Columbus, Ohio

Born in Cleveland, Ohio, August 25, 1888. Attended the Ohio State University, 1906-09, in the College of Engineering. At present with The Brightman Manufacturing Company, South Columbus, Ohio. Member of Chi Phi.

Brightman, Howard Latham
M. E. 1910
Manufacturer, Machinery—Iron and Steel
The Brightman Mfg. Co.
South Columbus, Ohio

Born at Youngstown, Ohio, December 4, 1886. Married Mary Huber, May 6, 1911. Attended Case School of Applied Science, 1905-06; attended Ohio State University, 1907-10, and was graduated in June 1910 with the degree, Mechanical Engineer. At present, Superintendent The Brightman Manufacturing Company, South Columbus, Ohio. Member of Chi Phi.

Brightman, Joseph Herbert
Manufacturer, Machinery—Iron and Steel
The Brightman Mfg. Co.
South Columbus, Ohio

Born at Youngstown, Ohio, December 4, 1886. Attended Case School of Applied Science, 1905-06; attended Ohio State University, 1907-09, and Fall term, 1910. Assistant Secretary and Treasurer, The Brightman Manufacturing Company, South Columbus, Ohio. Member of Chi Phi.

Brittain, Mary Corinne Teacher
B. Sc. (Ohio Wesleyan University) 1907.
B. Sc. Dom. Sci. 1909
Marshall, Texas

Born at Delaware, Ohio, November 1884. Attended Ohio Wesleyan University four years, and was graduated in 1907, with the degree, Bachelor of Science; attended Ohio State University, 1907-09, and was graduated in June 1909, with the degree, Bachelor of Science in Domestic Science. Teacher of Domestic Science, Girls' Industrial Home, Delaware, Ohio, 1909-10; since 1910, Supervisor of Domestic Science and Domestic Art, Marshall, Texas. Home address, Delaware, Ohio.

Britton, Guy Civil Engineer
C. E. 1904
Jersey City Water Works,
Boonton, New Jersey

Born at Simons, Ashtabula County, Ohio, March 3, 1878. Attended the Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Civil Engineer. Inspector, Sewage Testing Station, Columbus, Ohio, August 1, 1904, to May 1905; Cement Inspector, Scioto River Storage Dam, May to September 1905; Inspector on Construction of Sewage Pumping Station and sewer connections to same, Columbus, Ohio, September 1905 to January 1906; Draftsman in Designing Engineers Office, for City of Columbus, January to August 1906; Resident Engineer on Construction of sewer system in Crystal Falls, Michigan, August to December 1906; Draftsman, New York Central R. R. at Niagara Falls, N. Y., February to May 1907; Resident Engineer on sewer system, Crystal Falls, Michigan, until completed, November 1907; Resident Engineer sewer system construction in Medina, Ohio, November 1907 to May 1908; with Hering & Fuller, Consulting Engineers in operation of Water Sterilization Plant at Boonton, N. J., September 1908 to January 1, 1909; Chemist and Bacteriologist in charge of operation of above plant, January 1, 1909, to October 10, 1911, for Jersey City Water Supply Company of Paterson, N. J.; at present, in charge of operation of above plant for Water Department of Jersey City, New Jersey. Member Royal Arch Masons.

Britton, Lloyd C. Civil Engineer
C. E. 1902
Manchester Lumber Company
Manchester, Alabama

Born at Williamsburg, Ohio, September 3, 1880. Married June 4, 1907. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Civil Engineer. Transitman on R. R. Location, West Virginia & Kentucky R. R. Co., July 1, 1902, to December 20, 1902; Resident Engineer, Railroad Construction, S. & N. Y. R. R., February 1, 1903 to September 1, 1903; Transitman on Railroad Location, N. Y., Pa. & S. W. R. R., October 1, 1904, to October 1, 1905; Assistant Resident Engineer, Florida East Coast R. R., October 1, 1905, to September 5, 1906; Chief Engineer, Manchester Lumber Company, December 1, 1908, to January 1, 1912; at present, Superintendent, Manchester Lumber Company, and Alabama Central Railroad. Member of Engineering Association of the South, and of the Masons.

Bronson, Hiram Sherman Attorney
B. L. (Cornell University). LL. B. 1897
Harrison Building, Columbus, Ohio

Born in Michigan, March 30, 1869. Married Mary Chandler, 1897. Attended Cornell University and received the degree, Bachelor of Literature; attended the Ohio State University, 1893-94, 1895-97, and was graduated in June 1897, with the degree, Bachelor of Laws. President of Board of Elections, Columbus, Ohio, four years; Member of Ohio State Legislature, five years; at present practicing law in Columbus, Ohio. Author of first Ohio Mandatory Primary Election Law. Member of Zeta Psi.

Brooks, Herbert Barton
M. E. in E. E. 1903
Electrical Engineer and Physicist
National Bureau of Standards
Washington, D. C.

Born at New Bremen, Ohio, January 25, 1869. Married Florence Lillian Bane, January 23, 1896. Attended the Ohio State University, 1898-03, and was graduated in June 1903, with the degree, Mechanical Engineer in Electrical Engineering. In charge of Central Station, Piqua, Ohio, 1887-98; Student Assistant in Physics and Electrical Engineering, Ohio State University, 1900-03; Laboratory Assistant, Assistant Physicist, Associate Physicist, National Bureau of Standards, Washington, D. C., 1903-11; since 1911, Associate Physicist, National Bureau of Standards, on special investigation of electrical industries in Europe. Among his publications are, "An Efficiency Meter for Electric Incandescent Lamps," (joint paper with E. P. Hyde) 1906; "A New Potentiometer for the Measurement of Electromotive Force and Current," 1906; "A Deflection Potentiometer for Voltmeter Testing," 1907; "Deflection Potentiometers for Current and Voltage Measurements," 1911; "Outline of Design of Deflection Potentiometers, with Notes on the Design of Moving-Coil Galvanometers," 1911. Associate member, American Institute of Electrical Engineers, member of Sigma Xi.

Brown, Frederick Winder
E. M. 1888 Consulting Engineer
70 East Eighth Ave., Columbus, Ohio

Born in Zanesfield, Logan County, Ohio, September 27, 1865. Married Julia C. Wilkinson, October 20, 1892. Attended Earlham College, Richmond, Indiana, two years and one term; attended Ohio Wesleyan University one term; attended Ohio State University four years and was graduated in June 1888, with the degree, Engineer of Mines. Was engaged in Mine Surveying, Hocking Valley Mines, two years, 1889-90; Chemist, Superintendent and Secretary, Buckeye Portland Cement Company, Bellefontaine, Ohio, 1891-98; Superintendent, Portland Cement Company of Utah, Salt Lake City, Utah 1899; Superintendent and Chemist, Colorado Portland Cement Company, Denver, Colorado, 1900-11. At present Consulting Engineer, Columbus, Ohio, specialty, manufacture and use of Portland Cement. Member of Phi Delta Theta.

Bruce, Charles A. Professor
B. A. 1895
Ohio State University, Columbus, Ohio

Born in Morrow County, Ohio, in 1871. Married Jeannette Hall, June 26, 1901. Attended the Ohio State University, 1890-95, and was graduated in June 1895, with the degree, Bachelor of Arts; attended University of Chicago, Summer Quarters, 1896, 1900; University of Geneva, Summer School, 1898; The Sorbonne, College de France, and Ecole des Hautes-Etudes, Paris, 1898-99; Assistant in French, Ohio State University, 1895-99; Assistant Professor of Romance Languages, ibid., 1899-01; Associate Professor of Romance Languages, ibid., 1901-08; Professor of Romance Languages, ibid., 1908 to the present time. Member of Modern Language Association of America, and of Phi Beta Kappa.

Brumley, Daniel Joseph Civil Engineer
C. E. 1895
Office Chief Engineer, Illinois Central R. R., Chicago, Illinois

Born near Belmore, Ohio, March 19, 1865. Married Susanna Pinkerton Lytle, September 1, 1908. Attended the Ohio State University April 1890-91, 1892-95, and was graduated in June, 1895, with the degree, Civil Engineer. Assistant Section Foreman, Louisville & Nashville R. R., 1895-96; Rodman, Columbus & Hocking Coal & Iron Company, latter half of 1896; Foreman, Louisville

& Nashville R. R., first half of 1897; Rodman, Louisville & Nashville R. R., latter half 1897-98; Assistant Engineer, Louisville & Nashville R. R., 1898-01; Division Engineer, National Railway of Mexico, 1901; Roadmaster, Louisville & Nashville R. R., 1901-04; Division Engineer, Illinois Central R. R., 1904-05; Principal Assistant Engineer, Illinois Central R. R., 1905-10; since 1910 Engineer of Construction, Illinois Central R. R. Member of American Society of Civil Engineers, American Railway Engineering Association, and The National Geographic Society.

Buck, Ralph William Teacher
B. A. 1904
107 Grimes Street, Dayton, Ohio

Born at Cardington, Ohio, May 30, 1879. Married Marie Sellers, August 14, 1911. Attended the Ohio State University 1899-01, 1902-04, and Summers of 1906, 1908 and 1910, and was graduated in June 1904, with the degree, Bachelor of Arts. Teacher of Science in High School, Xenia, Ohio, 1904-07; Teacher of Physics, Antioch College, Summer of 1907; since 1907, Teacher of Chemistry, Stivers Manual Training School, Dayton, Ohio. Member of American Chemical Society, Central Association of Science and Mathematics Teachers, National Educational Association, and Ohio Association of Teachers of Mathematics and Science.

Bugby, Morris Oliver
B. Sc. Agr. 1904
Ohio Experiment Station
106 N. Buckeye St., Wooster, Ohio

Born at Kingsville, Ohio, April 6, 1881. Married Valeria Riley, January 12, 1910. Attended the Ohio State University, 1899-04, and was graduated in June 1904, with the degree, Bachelor of Science in Agriculture. Engaged in farming, 1904-05; since 1905, Assistant in Department of Cooperation, Ohio Experiment Station, Wooster, Ohio.

Bugby, Valeria Riley
(Mrs. Morris O. Bugby)
106 N. Buckeye St., Wooster, Ohio

Born at New Lexington, Ohio, January 27, 1879. Married Morris Oliver Bugby, January 12, 1910. Attended the Ohio State University, 1896-97, and 1898-00. Teacher of Domestic Science in Godman Guild, Columbus, Ohio, and in Experiment Station Work at Wooster, Ohio.

Burkett, Charles William Editor
B. Sc. Agr. 1895 M. Sc. Agr. 1898
315 Fourth Ave., New York City

Born in Thornville, Ohio, January 3, 1873. Married Laura Weisman, December 27, 1900. Attended Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Bachelor of Science in Agriculture, and in June 1898, with the degree, Master of Science in Agriculture. Assistant in Agriculture, Ohio State University, 1895-98; Professor of Agriculture and Agriculturist, New Hampshire Experiment Station, 1898-01; Professor of Agriculture and Agriculturist, North Carolina Experiment Station, 1901-06; Director, Kansas Experiment Stations, 1906-09; Editor, "American Agriculturist" and Editor Orange Judd Publishing Company, 1909 to the present time. Among his publications are, "A History of Ohio Agriculture," 1899; "Agriculture for Beginners," 1903; "Cotton," 1906; "Our Domestic Animals," 1907; "Soils," 1907; "Farm Stock," 1909; "The Farmers Veterinarian," 1910; "Farm Crops," 1911; Joint Author, "The Hill School Readers"; Editor, The Country Life Education Text Books. Fellow, American Association for the Advancement of Science, member of Kappa Sigma and Alpha Zeta. Was delegated by the State of Kansas in 1909 to investigate cereal matters in Russia. House address, 660 Riverside Drive, New York City.

Burkett, D. Van Buren Physician
B. Ph. 1897 M. D. (Ohio Medical University) 1902
112 N. Fourth Street, Columbus, Ohio

Born in Thornville, Ohio, November 12, 1871. Married Sarah Jane Miller, March 29, 1905. Attended the Ohio State University, 1892-97, and was graduated in June 1897, with the degree, Bachelor of Philosophy; attended Ohio Medical University, 1899-02, and was graduated in 1902 with the degree, Doctor of Medicine. At present practicing Medicine at 112 North Fourth Street, Columbus, Ohio. Captain and Surgeon, Ohio National Guard since 1903, and Surgeon for the Ohio Electric Railway, 1908-09. Member of the Columbus Academy of Medicine, Spanish War Veterans, Kappa Sigma, Alpha Mu Pi Omega and Theta Nu Epsilon.

Burns, James Ferguson Civil Engineer
C. E. 1891
Louisville & Nashville Railway
Elizabethtown, Kentucky

Born in St. Clairsville, Ohio, November 29, 1869. Married Julia Baird Fleming, June 4, 1895. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Civil Engineer. Civil Engineer and Roadmaster, Louisville & Nashville R. R. At present Roadmaster, Louisville & Nashville R. R. Member of the Railway Engineering Association and of Chi Phi.

Burr, Harriet Griswold
(See Harriet Burr Tyler)

Burrell, Glenn Smith Civil Engineer
C. E. 1904
Navy Yard, Portsmouth, Virginia

Born in New Lexington, Ohio, May 14, 1884. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Civil Engineer. Assistant on Engineering Corps, Pennsylvania Lines West of Pittsburg, June to September 1903; Draftsman, Ohio Geological Survey, December 1903; Detail Draftsman, Mt. Vernon Bridge Company, July 1904 to February 1905; Layer-out Draftsman (original details) February 1905 to August 1907; Commissioned in Civil Engineering Corps in U. S. Navy, August 1907, and Assistant Engineer, Navy Yard, Boston, August 1907 to May 1908; assigned to duty on Construction of Naval Station, Pearl Harbor, May 1908, as Assistant and acted as Chief Engineer for nine months; transferred December 1911 to Navy Yard, Norfolk, Virginia; promoted May 5, 1911, to rank of Lieutenant (J. G.). At present, Assistant Civil Engineer, Navy Yard, Norfolk, Va. An Associate Member of the American Society of Civil Engineers and Member of Sigma Xi.

Bush, Kent Grant
Manufacturer Clay Products
Ancho, Lincoln County, New Mexico

Born in Lincoln, Nebraska, July 13, 1886. Married Alice J. Newcomb, September 21, 1910. Attended the University of Colorado, one year, and Ohio State University, 1907-09. At present Secretary, Western Clay & Gypsum Products Company, Ancho, New Mexico.

Butcher, Frederic Eric Manufacturer
B. Ph. 1901
Joplin, Missouri

Born in Wapakoneta, Ohio, January 16, 1877. Married Medora A. Schneider, January 18, 1905. Attended Antioch College, 1903-04; attended Ohio State University, 1895-96, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy. Foreign Sales Manager, The Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio, June 1901 to July 1907; since 1907 Vice-President and General Manager, American Concentrator Company, Joplin, Missouri. Member of the Elks, Masons and of Kappa Sigma.

Butler, James Edgar Attorney
B. A. 1908 LL. B. 1911
401 New Hayden Building
Columbus, Ohio

Born in Zanesville, Ohio, June 22, 1887. Attended the Ohio State University seven years and was graduated in June 1908, with the degree, Bachelor of Arts, and in June 1911, with the degree, Bachelor of Laws. At present practicing Law at 401 New Hayden Building, Columbus, Ohio. Member of Sigma Chi and Phi Delta Phi. House address, 77 Wilson Avenue, Columbus, Ohio.

Byers, Ruby Marie Teacher
B. Sc. Edu. 1910
45 Stanwood Road
East Cleveland, Ohio

Born in Columbus, Ohio, January 30, 1888. Attended Peabody Conservatory of Music, one year; attended the Ohio State University four years and was graduated in June 1910, with the degree, Bachelor of Science in Education. Since September 1910, Supervisor of Domestic Science and Domestic Art in Schools of East Cleveland, Ohio, and Teacher of Physiology in the High School.

Cadwallader, John Marsh Professor
B. Sc. Agr. 1910
Oklahoma State Agricultural and Mechanical College, Stillwater, Okla.

Born in Union County, Ohio, July 29, 1885. Married Madge Estella Garhart, December 28, 1911. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Agriculture. Assistant in Dairying, Ohio State University, 1910-11; since 1911 Assistant in Dairying at Oklahoma State Agricultural and Mechanical College. Member of Delta Theta Sigma. House address, 502 West Street, Stillwater, Oklahoma.

Caldwell, Clinton Everett Teacher
B. Sc. (National Normal University) 1892
B. A. (Marietta College) 1902
M. A. 1911
Bellaire, Ohio

Born at Long Bottom, Ohio, in 1871. Married May Douglass, August 15, 1900. Attended National Normal University, Lebanon, Ohio, 1888-89, 1891-92, and was graduated in 1892, with the degree, Bachelor of Science; attended Marietta College, 1901-02, and received the degree, Bachelor of Arts, in 1902; attended Ohio State University Summer terms, 1908, 1909 and 1910, and received the degree, Master of Arts, in June 1911. Superintendent of Schools, New Matamoras, Ohio, 1898-02; Superintendent of Schools, Belpre, Ohio, 1902-05; Superintendent of Schools, Shadyside, Ohio, 1905-09; at present Teacher of Mathematics, High School, Bellaire, Ohio.

Calkins, Frank Elwood Attorney
829-30 Spitzer Building, Toledo, Ohio

Born in Grand Rapids, Ohio, April 28, 1873. Married Gusse A. Halter, September 7, 1904. Attended the Northern Indiana Normal Institute; attended the Ohio State University, 1898-00, and received a Certificate in Law in June 1900. Has practiced Law since graduation. Member of Masonic Order and Ideal Council of The National Union.

Calkins, George Herbert Electrical Engineer
M. E. in E. E. 1895
Manager Buffalo Office, General Electric Company, Buffalo, New York

Born in New England, Ohio, September 29, 1873. Married Elizabeth Patton, September 11, 1901. Attended the Ohio State University four years and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering. Fellow in Physics at Ohio State University one year. Engaged in Railway Construction and Consultation Work on small lighting stations

from 1896 to 1899; since January 1, 1899, with the General Electric Company: Assistant to Manager of Production; Induction Motor and Textile Mill Expert; Manager, New Haven, Connecticut Office, and at present Manager Buffalo Office. Member of the American Institute Electrical Engineers, American Electrical Railway Association and Franlin Institute. House address, 88 Claremont Avenue, Buffalo, N. Y.

Calvin, Anthony Brackett Attorney
B. A. (North Eastern Normal College)
LL. B. 1900
600-2 Wick, Bldg., Youngstown, Ohio

Born at Washingtonville, Ohio, March 13, 1877. Married September 9, 1908. Attended the North Eastern Normal College and received the degree, Bachelor of Arts; attended Ohio State University, 1899-00, and was graduated in June 1900, with the degree, Bachelor of Laws. Member of City Council, Youngstown, Ohio, 1901-05; Judge of Criminal Court, Youngstown, Ohio, 1905-10; at present Attorney-at-Law, Youngstown, Ohio. Member of Masonic Lodge, Elks Lodge, Odd Fellows, Knights of Pythias and Chamber of Commerce.

Cameron, Gaylor Malcolm
M. E. in E. E. 1904
Mechanical Engineer
3 Marigold Street, Rochester, N. Y.

Born at Jeromesville, Ohio, September 3, 1878. Married Ruth Beachler, June 15, 1908. Attended Heidelberg University, Tiffin, Ohio, two years; attended Ohio State University, 1899-00, 1901-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Draftsman, Jeffrey Mfg. Co., Columbus, Ohio, six months; Draftsman, Electric Controller & Supply Company, Cleveland, Ohio, nine months; Draftsman and Designer, Cleveland Electric Railway Co., three years; Engineer of Building, Rochester Ry. Co., Rochester, N. Y., two years; Master Mechanic and Engineer of Building, New York State Rys. Co., Rochester, N. Y., two years, which position he now holds. Associate member American Institute of Electrical Engineers, member of New York State Railway Association, and Rochester Chamber of Commerce.

Campbell, Augustine Ray Ceramic Chemist
Federal Terra Cotta Company
Woodbridge, New Jersey

Born at Keasby, New Jersey, March 14, 1872. Married Ida Marshall, November 22, 1906. Attended the Ohio State University, 1896-98, in Ceramic Engineering Course. Terra Cotta Plaster Moulder for Perth Amboy Terra Cotta Company, of Perth Amboy, N. J., three years; Plaster Moulder and Model Maker for Excelsior Terra Cotta Company, Rocky Hill, N. J., one year; Sales Agent for Raritan Ridge Clay Company, Metuchen, N. J., two years; Ceramist for the Atlantic Terra Cotta Company of Tottenville, L. I., New York, nine and a half years; Ceramist for the Federal Terra Cotta Company, Woodbridge, N. J., two years, which position he now holds. Member of American Ceramic Society, National Brick Manufacturers' Association, Ohio State University Association of New Jersey. Home address, Metuchen, New Jersey.

Campbell, Clara Naomi Teacher
B. Sc. Dom. Sci. 1905
3515 Bevis Avenue, Evanston
Cincinnati, Ohio

Born in Glidden, Iowa, September 2, 1881. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Science in Domestic Science. Since 1907 Supervisor of Domestic Science and Domestic Art, Norwood Public Schools.

Canfield, Charles Horace Veterinarian
D. V. M. 1897
Island Pond, Vermont

Born in Akron, Ohio, May 20, 1875. Married Emma Johnston, May 13, 1899.

Attended the Ohio State University three and one-half years and was graduated in June 1897, with the degree, Doctor of Veterinary Medicine. Practiced Veterinary Medicine in Cleveland, Ohio, June 1897, to Spring of 1898; passed the civil service examination and received appointment as Inspector, United States Department of Agriculture, Bureau of Animal Industry. At present Veterinary Inspector of Island Pond and Beecher Falls, Vermont. Member of Odd Fellows and Royal Arch Masons.

Cannan, William, Jr Sales Agent, Crockery
620 Park Ave., Syracuse, New York

Born at Shelby, Ohio, December 25, 1879. Married Katherine A. Schleit, June 5, 1906. Attended the Ohio State University, 1898-00. Machinist, setting up and running machinery, 1890-97; six months in Navy, Spanish War; two years in study in Ceramic Department, Ohio State University, and one-half year with Professor Orton; with Anondaga Pottery Company, Syracuse, N. Y., nine years as Superintendent and one year as salesman on the road; at present Salesman for H. C. Edmiston, New York City, crockery. Member of American Ceramic Society, and of Knights Templar.

Capell, Mary Alice Teacher
B. A. 1909
Covington, Ohio

Born at Centerburg, Ohio, September 29, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Since 1909 Teacher of Latin, High School, Covington, Ohio. Member of Phi Beta Kappa.

Caris, Ivan Burdell Mechanical Engineer
M. E. 1910
Semet-Solvay Company, Dunbar, Pa.

Born in Cardington, Ohio, October 8, 1881. Married Olive Annetta Weihe, October 17, 1911. Attended Ohio Wesleyan University, School of Business, and was graduated in the Spring of 1903; attended Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Mechanical Engineer. Chief Clerk, Semet-Solvay Company, Cleveland Plant, October 1903 to November 1904; Chief Clerk, Semet-Solvay Company, Dunbar Plant, November 1904 to September 1906; since July 1910, Assistant Master Mechanic, Semet-Solvay Company, Dunbar, Pennsylvania. Member of Delta Kappa.

Carothers, Frank K. Attorney
B. A. 1911 LL. B. 1911
Ryegate, Montana

Born at Carey, Ohio, in 1888. Attended the Ohio State University, 1905-08, in the College of Arts, and 1908-11, College of Law and was graduated in June 1911, with the degrees, Bachelor of Arts and Bachelor of Laws. At present Secretary, The Cherry Cheer Company, Sidney, Ohio, and Attorney-at-Law, Ryegate, Montana. United States Commissioner in the District of Montana. Member of Phi Delta Theta, Phi Delta Phi and Theta Nu Epsilon.

Carpenter, Alanson Robert Attorney
Cherokee, Alfalfa County, Oklahoma

Born in Marietta, Ohio, January 11, 1879. Married Leota Strain, November 5, 1909. Attended Marietta College three years and the Ohio State University, 1904-07, and received a Certificate in Law in June, 1907. Practicing Law in Cherokee, Oklahoma, and City Attorney for the second term. Member of Masonic Order, Knights of Pythias, Brotherhood of American Yeomen.

Carpenter, Frances
(See Frances Carpenter Junk)

Carpenter, Frank Simpson Credit Manager
Holophane Company, Newark, Ohio

Born in Carpenter, Ohio, September 22, 1880. Married Lenore Echols July 26, 1906. Attended the Ohio State University, 1901-06, and received a Certificate

in Law in 1906. With Dougherty & Todd, Attorneys, Columbus, Ohio, 1906-07; Clerk and Inspector, Department of Agriculture, Capitol, Columbus, Ohio, 1907-08; practiced Law, Mt. Sterling, Ohio, 1908-10; since 1910 Credit Manager for Holophane Company, Newark, Ohio. Member of Masons, Knights of Pythias and of Delta Chi. House address, 120 North Fourth Street, Newark, Ohio.

Carpenter, Jessie
(See Jessie Carpenter Sears)

Carr, Alice Derby
(Mrs. Oscar E. Carr)
B. Ph. 1901 B. A. (University of Illinois) 1904
Yellow Springs, Ohio

Born at Yellow Springs, Ohio, October 24, 1878. Married Oscar Edwyn Carr, September 21, 1906. Attended Western Reserve University, 1897-98; attended Ohio State University, 1898-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy; attended University of Illinois, 1903-04, and received the degree, Bachelor of Arts, in 1904. Member of Phi Beta Kappa.

Carr, Hugh Stanley Electrical Engineer
M. E. in E. E. 1896
1114 Citizens' Bldg., Cleveland, Ohio

Born at Yellow Springs, Ohio, October 18, 1874. Attended Antioch College one year; attended Ohio State University, 1891-92, preparatory, and 1892-96, and was graduated in June 1896, with the degree, Mechanical Engineer in Electrical Engineering. At present Electrical Engineer with H. Whitford Jones & Company, consulting engineers, Cleveland, Ohio. Member of Masonic Order, Elks, Alpha Tau Omega and Theta Nu Epsilon.

Carroll, Marie Josephine
B. A. 1909 M. A. 1910
47 Wilson Avenue, Columbus, Ohio

Born in Columbus, Ohio, October 12, 1887. Attended the Ohio State University, 1905-10, and was graduated in June 1909, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Attended Bryn Mawr, 1910-11 and held scholarship in History. Was awarded same for 1911-12. Member of Kappa Kappa Gamma.

Cartmell, Bessie Professor
B. A. 1909
Ashland College, Ashland, Ohio

Born in Fairfield Township, Madison County, Ohio, January 1, 1883. Attended the Ohio State University, 1904-05, and 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher since graduation and at present Instructor in German, Ashland College, Ashland, Ohio.

Case, Claude Henry Veterinarian
D. V. M. 1904
50 East Buchtel Avenue, Akron, Ohio

Born in Hudson, Ohio, in March, 1880. Married Ann T. Viall, June 21, 1911. Attended the Ohio State University and was graduated in June, 1904, with the degree, Doctor of Veterinary Medicine. Assistant in Clinical Surgery, Cornell University, for one year. At present, Akron Veterinary Hospital with Dr. J. F. Planz, practicing Veterinary Medicine.

Case, Etta Luella
B. A. 1909
Worthington, Ohio

Born in Columbus, Ohio, August 21, 1885. Attended the Ohio State University, 1904-06, Winter and Spring, 1907, 1908-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher of English in High School, Jackson, Ohio, September 1910 to June 1911. Member of College Women's Club, Columbus, Ohio.

Case, Lewis B. Research Chemist
B. Sc. Chem. Engr. 1906
General Motors Company, Research Department, Detroit, Mich.

Born at Mt. Gilead, Ohio, in 1885. Attended the Ohio State University, 1902-

06, and was graduated in June, 1906, with the degree, Bachelor of Science in Chemical Engineering. With The Friend Paper Company, 1906-08; with the National Cash Register Company, 1908-11; since 1911 with the General Motors Company, Detroit, Michigan. Member of American Chemical Society.

Caskey, Fred Antram
Mercantile Business, Steel Office Equipment
The Safe Cabinet Co., Marietta, Ohio

Born at Waynesville, Warren County, Ohio, December 4, 1886. Married Florence Edith Hudgel, October 3, 1911. Attended the Ohio State University, 1904-05, in the College of Arts, 1905-08, in the College of Law, and received a Certificate in Law in June 1908. Practiced Law in office of Badger & Ulrey, Columbus, Ohio, 1908-09; Journal Clerk, The 77th General Assembly's Senate, State of Ohio, 1909; Salesman for The Philip Carey Company, Cincinnati, Ohio, June to September 1910; Assistant Secretary, The Safe-Cabinet Company, Marietta, Ohio, September 1910, with three months' leave of absence, September to December 1911, during which time he was Manager, The Southern Fixture & Supply Company, Jacksonville, Florida; at present Assistant to Sales Manager, The Safe-Cabinet Company, Marietta, Ohio. Member of Sigma Alpha Epsilon. House address, 310 Washington Street, Marietta, Ohio.

Caskey, George Alexander
Mercantile Business
68 East Broad Street, Columbus, Ohio

Born at Harshasville, Ohio, January 1, 1874. Attended the Ohio State University, 1898-01. At present Secretary-Treasurer of the Kossman Dye Company, Columbus, Ohio. Member of Sigma Nu.

Castle, Bert Wenham Veterinarian
D. V. M. 1907
Ashtabula, Ohio

Born at Lakewood, Ohio, April 26, 1876. Married Leah V. Reeve, September 6, 1905. Attended Baldwin University two years; attended Ohio State University, 1904-07, and was graduated in June 1907, with the degree, Doctor of Veterinary Medicine. Practicing Veterinary Medicine for five years, now Junior Partner with Sutherland & Castle, Ashtabula, Ohio.

Cave, Harry Edgar Mercantile Business
Central Ohio Paper Company
Columbus, Ohio

Born at Mansfield, Ohio, in 1886. Attended the Ohio State University, 1906-08. At present with the Central Ohio Paper Company, Columbus, Ohio. Member of Sigma Nu.

Caywood, G. Homer Farmer
Somerset, Ohio

Born in Reading Township, Perry County, Ohio, June 12, 1885. Attended Ohio University, Athens, Ohio, two and a half years; attended Ohio State University, 1907-08, in the College of Engineering. At present Farm Manager at Somerset, Ohio.

Cellarius, Frederick Julius
Consulting Engineer
C. E. 1888
Dayton, Ohio

Born at Dayton, Ohio, July 31, 1865. Married Edith Garber, in 1904. Attended the Ohio State University, 1884-88, and was graduated in June 1888, with the degree, Civil Engineer. Assistant City Engineer, Dayton, Ohio, for fourteen years, to 1906; City Engineer, Dayton, Ohio, 1908 to 1912. At present Consulting Engineer, Dayton, Ohio. Member of Board of Park Commissioners, 1912-1915. Member of Knights Templar, Scottish Rite, 32d Degree, Mystic Shrine, Elks, Dayton Club and of Chi Phi.

Chalmers, Agnes Florida
Christian Science Practitioner
B. Ph. 1895
400-401 Fourth National Bank Bldg., Grand Rapids, Mich.

Born in Rockford, Michigan. Attended the Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Bachelor of Philosophy. Teacher of French in High School, Bay City, Michigan; Principal High School, Champion, Michigan; Assistant Superintendent, State Public School, Coldwater, Michigan; at present Christian Science Practitioner. Among her publications are many magazine articles and verses, besides "The Mountain Path," published in 1906, third edition, 1911. Member of Board of Education, Grand Rapids, Michigan, elected in April 1911. Member of Pi Beta Phi.

Chaney, James William Clergyman
B. Ph. 1902
639 North Pine Avenue, Austin
Chicago, Illinois

Born at Bourneville, Ross County, Ohio, September 4, 1880. Married Ida E. Ford, June 25, 1907. Attended Ohio University, 1896-97; attended Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Pastor and Evangelist in the Friends Church, Austin, Chicago, Ill. Now under appointment as missionary to Buenos Ayres, South America, under National Association for the Promotion of Holiness.

Chatterton, Rollin Mace
Mechanical Engineer
The Smith Gas Power Company
Lexington, Ohio

Born in Bethel, Ohio, December 31, 1880. Married Helen Kessler, June 30, 1909. Attended the Ohio State University, 1902-06. With Foos Gas Engine Company, Springfield, Ohio, June 1906 to January 1907; since January 1, 1907, with The Smith Gas Power Company, Lexington, Ohio, as Draftsman, Shop Superintendent and in experimental work; at present Assistant General Manager.

Cheek, Ross William Real Estate
24 Fifteenth Avenue, Columbus, Ohio

Born in Johnstown, Ohio, May 25, 1876. Married Josephine Griffith, January 2, 1908. Attended the Ohio State University Law College, 1904 to February 1906. Admitted to the Bar, December, 1905. Engaged in Real Estate and Brokerage business while in college. Member of Real Estate firm, C. A. Thomas & Co., Columbus, Ohio, 1906-07. At present member of firm of Cheek Brothers, Real Estate and Building Contractors. Member of Ohio Club and of Delta Chi.

Chester, Walter Durst Architect
C. E. in Architecture 1909
612 L. S. & T. Bldg., New Castle, Pa.

Born in Rome, Ohio, October 13, 1881. Attended the Ohio State University four years and was graduated in June 1909, with the degree, Civil Engineer in Architecture. With The Jeffrey Manufacturing Company, Columbus, Ohio, six months; since 1910 with W. G. Eckles, Architect, New Castle, Pa., as Draftsman and Superintendent of Construction. Member of Acacia.

Child, James Leo Clayworking Industry
Findlay, Ohio

Born at Henrietta, Ohio, June 11, 1884. Attended the Ohio State University, 1905-06, 1907-08. With Hancock Brick & Tile Company, Findlay, Ohio, since leaving college, and at present Manager of that company. President of Ohio Drain Tile Association. Member of American Society for Testing Materials.

Chubb, Charles St. John, J. Professor
C. E. in Architecture 1904
Ohio State University, Columbus, Ohio

Born in Fort Pembina, North Dakota, April 1, 1881. Married Mary McDonald

Bohannan, June 15, 1911. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Civil Engineer in Architecture. Attended the University of Pennsylvania, 1906-07. Draftsman for F. L. Packard, Architect, Columbus, Ohio, 1904 to September 1906 and three months in 1907; Assistant Professor of Architecture, Ohio State University, 1907-08. Since 1908 Associate Professor of Architecture, Ohio State University. Member of Columbus Society of Architects and the Ohio Club.

Chubb, Lewis Warrington Research Engineer
M. E. in E. E. 1905
Westinghouse Electric & Mfg. Co.,
Pittsburg, Pa.

Born at Fort Yates, North Dakota, October 22, 1882. Married Mary Porter Everson, March 28, 1910. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. At present Research Engineer with Westinghouse Electric & Manufacturing Company. Member of Sigma Xi. House address, 114 South Savannah Avenue, Edgewood Park, Pittsburg, Pa.

Chubb, Wistar Morris Civil Engineer
C. E. 1907
General Land Office
Washington, D. C.

Born at Ft. Yates, North Dakota, in 1886. Attended the Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Civil Engineer. Examiner of Surveys and Special Disbursing Agent, General Land Office, Washington, D. C., September 1907 to July 1910; since July 1910, U. S. Surveyor and Special Disbursing Agent, General Land Office, Washington, D. C. Member of Sigma Xi.

Clagett, Edward Franklin Civil Engineer
C. E. 1908
Columbus Gas & Fuel Company
Columbus, Ohio

Born at Dayton, Ohio, February 23, 1885. Married Elsie Elder, November 16, 1911. Attended the Ohio State University, 1903-08, and was graduated in June 1908, with the degree, Civil Engineer. Since February 1908, Engineer, Columbus Gas & Fuel Company, Columbus, Ohio. Member of Kappa Sigma. House address, 1461 Worthington Street, Columbus, Ohio.

Clark, David Burns Principal High School
B. A. 1905 M. A. 1910
416 East Main Street, Circleville, Ohio

Born at Dunlap, Ohio, October 16, 1880. Married Anna Laura Clingan, June 28, 1907. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts; graduate work in Summers of 1908, 1909, 1910, and received the degree, Master of Arts in June 1910. Teacher of Science and Athletics, High School, Fostoria, Ohio, 1905-06; Principal of Gordon Academy, Salt Lake City, 1906-08. At present Principal of Everts High School, Circleville, Ohio. Member of American Chemical Society and Central Ohio School Masters' Club.

Clark, Hugh Professor
B. A. 1909 M. A. 1910
University of Pittsburg, Pittsburg, Pa.

Born in Wapakoneta, Ohio, October 20, 1884. Attended the Ohio State University, 1905-10, and was graduated in June 1909, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Fellow in Chemistry, Ohio State University, 1909-10; Instructor in High School, Ironwood, Michigan, 1910-11. At present Instructor and Fellow in Industrial Research, University of Pittsburg, Pittsburg, Pa. Member of American Chemical Society, Delta Kappa and Sigma Xi.

Clarke, Helen Margaret
B. A. 1909
1293 Neil Avenue, Columbus, Ohio

Born in Columbus, Ohio, May 4, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher of Latin and English, New Albany, Ohio, 1909-11. Member of Pi Beta Phi and Phi Beta Kappa.

Clarke, James Ulrick Electrical Engineer
M. E. in E. E. 1902
Roekel Plumbing & Electric Co., Zanesville, Ohio

Born in Lancaster, Ohio, December 18, 1881. Married Julia Louise Roekel, June 12, 1907. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Mechanical Engineer in Electrical Engineering. Superintendent Lancaster Traction and Power Company; at present Secretary and Treasurer, Roekel Plumbing & Electric Company. Member Sigma Alpha Epsilon.

Clayton, Howard D. Chemist
B. A. 1911
U. S. Appraiser's Stores, Food Inspection Laboratory
New York City

Born at Mayville, North Dakota, September 21, 1887. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. Since July 1911, Assistant Chemist, U. S. Department of Agriculture. Member of Delta Kappa.

Cless, Alla Berta Rickey
B. Ph. 1889 (Mrs. George H. Cless)
Worthington, Ohio

Born at Washington, Pennsylvania, August 3, 1869. Married George Henry Cless, June 19, 1890. Attended the Ohio State University, 1885-89, and was graduated in June 1889 with the degree, Bachelor of Philosophy. Member of Kappa Kappa Gamma.

Clevenger, Charles Henry Professor
B. Sc. 1902 M. Sc. (University of Chicago) 1910
Kansas State Agricultural College, Manhattan, Kansas

Born at Sidney, Ohio, October 9, 1877. Married Edna M. Warren, December 25, 1911. Attended the Ohio State University, 1897-02, and was graduated in June 1902, with the degree, Bachelor of Science; attended University of Chicago, Fall and Winter terms, 1905-06, Summer, Fall and Winter terms, 1908-09, 1909-10, and received the degree, Master of Science in 1910. Teacher in rural schools; Teacher in High School, Sheboygan, Wisconsin, 1906-08; Teacher, Drury College, Springfield, Mo., 1903-04; Teacher in Tarkio College, Tarkio, Mo., Spring term, 1909; since September 1910 Instructor in Mathematics, Kansas State Agricultural College. Member of Kansas State Teachers' Association of Science and Mathematics.

Clevenger, William L. Professor
B. Sc. Agr. 1906
Ohio State University, Columbus, Ohio

Born in Shelby County, Ohio. Attended the Ohio State University, 1901-06, and was graduated in June 1906, with the degree, Bachelor of Science in Agriculture; graduate work, 1906-07. Since graduation Assistant in Dairy Department, Ohio State University.

Cline, Cecil Roy
Superintendent of Schools, Attorney
B. A. (Ohio University) 1900
LL. B. 1910
Albany, Ohio

Born in Point Rock, Ohio, March 11, 1875. Attended Ohio University, Athens, Ohio, 1895-00, and was graduated with the degree, Bachelor of Arts in 1900. Attended the Ohio State University, 1909-10, and was graduated in June 1910, with the degree, Bachelor of Laws. Superintendent Rome Township High School, Guysville, Ohio, 1901-05; Superintendent

Public Schools, Vincent, Ohio, 1906-07; Superintendent Public Schools, Chauncey, Ohio, 1908-09; since 1909, Superintendent Public Schools, Albany, Ohio, and at present Attorney-at-Law.

Clouse, Kenneth Atkinson Physician
B. A. 1908 M. D. (Starling-Ohio Medical College) 1911
1007 Oak Street, Columbus, Ohio

Born at Pine Grove, Gallia County, Ohio, January 8, 1887. Married Esther Cline, October 9, 1911. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts; attended Starling-Ohio Medical College, 1907-11, and was graduated in 1911, with the degree, Doctor of Medicine. At present practicing medicine, Columbus, Ohio. Member of Phi Delta (Medical).

Clow, George Valentine Sanitary Engineer
C. E. 1908
605 Equitable Building
Louisville, Kentucky

Born in Columbus, Ohio, September 18, 1886. Married Jessie Martha Perry, December 27, 1905. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer. Assistant Engineer, Designing Department, Louisville Sewage Commission, July 13, 1908, to the present time.

Clymer, Carleton Sales Agent
Chillicothe, Ohio

Born at Chillicothe, Ohio, November 24, 1884. Attended Miami University (Normal), 1902-03; attended Otterbein University Academy, 1905-08; attended Ohio State University, 1908-09, 1910-11, in the College of Arts. Teacher, Kingston, Ohio, 1904-05; Bookkeeper and Assistant General Manager, Ogden Mercantile Company, Upton, Wyoming, July 1909 to September 1910. At present Traveling Salesman, Chillicothe, Ohio. Member of Upton Commercial Club, Upton, Wyoming, and Kappa Sigma.

Coats, Elmer William Mercantile Salesman
B. A. 1904
Wm. G. Johnston & Company,
Pittsburg, Pa.

Born at Syracuse, Ohio, January 3, 1882. Attended Rio Grande College, Rio Grande, Ohio, two years; attended Ohio State University, 1899-04, and was graduated in June 1904, with the degree, Bachelor of Arts. With the Columbus Savings & Trust Company, Columbus, Ohio, 1904-06; Credit Department, Selz, Schwab & Company, Pittsburgh, Pa., 1906-09; with Stapler Seed & Poultry Supply Company, Pittsburgh, Pa., 1909 to 1912. At present Special Salesman, Wm. G. Johnston Company, Pittsburgh, Pa. Member of Masonic Lodge and Sigma Pi.

Cobb, Norval H. Mercantile Business
B. Sc. Ind. Arts 1907
The Enterprise Electric Company
Warren, Ohio

Born at Alliance, Ohio, in 1883. Attended the Ohio State University, 1902-07, and was graduated in June 1907, with the degree, Bachelor of Science in Industrial Arts. At present Secretary and Treasurer, The Enterprise Electric Company, Warren, Ohio. Member of Masons and of Delta Tau Delta.

Cockins, Edith D. Registrar
B. A. 1894
Ohio State University, Columbus, Ohio

Born near Zanesville, Ohio. Attended the Ohio State University as a preparatory Student, 1888-90; undergraduate, 1890-94; graduate student, 1894-95, and was graduated in June 1894, with the degree, Bachelor of Arts. Registrar of the Ohio State University since 1895. Member of Kappa Alpha Theta and Editor of the Kappa Alpha Theta Magazine, 1901-03; Grand Treasurer Kappa Alpha Theta, 1902-11; Member of the Grand Council of Kappa Alpha Theta, 1901-11; President of the College Women's Club of Columbus, Ohio, 1911-12; Editor "Who's Who in the Ohio State University Association," 1912.

Cockley, William Barney
Professor and Attorney
B. A. 1904 LL. B. 1908
Ohio State University, Columbus, Ohio

Born in Lexington, Ohio, December 20, 1883. Attended the Ohio State University and was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1908, with the degree, Bachelor of Laws. Teacher of Mathematics, High School, Ironwood, Michigan, 1904-05; Instructor in Law, Ohio State University, 1908-10. At present Assistant Professor of Law, Ohio State University. Member of Phi Gamma Delta, Phi Delta Phi and Phi Beta Kappa.

Coddington, Edwin Foster Professor
C. E. 1896 M. Sc. 1897 Ph. D. (University of Berlin) 1902
Ohio State University, Columbus, Ohio

Born at Conover, Ohio, June 24, 1870. Married Cora Harriet Stoner, September 14, 1899. Attended the Ohio State University, 1890-91, 1892-97, was graduated in June 1896, with the degree, Civil Engineer, and in June 1897, with the degree, Master of Science. Attended the University of Berlin two years and was graduated in 1902, with the degree, Doctor of Philosophy. Emerson McMillin Fellow in Astronomy, Ohio State University, 1896-97; Fellow in Astronomy, Lick Observatory, University of California, 1897-00; Assistant Professor of Mathematics, Ohio State University, 1902-06; Assistant Professor of Mechanics, Ohio State University, 1906-08. Since 1908 Associate Professor of Mechanics, Ohio State University. The most important of his published articles is "Die Bestimmung der Bahn einer kleinen Planeten aus vier Beobachtungen," 1902. He is a Mason and a member of Sigma Xi.

Cohn, Aaron B. Attorney
LL. B. 1910
1007-1016 Nicholas Building
Toledo, Ohio

Born in Hungary, March 29, 1883. Attended the Ohio State University 1905-10, and was graduated in June 1910, with the degree, Bachelor of Laws. At present practicing Law with firm of Brown, Hahn, Sanger and Froehlich, Toledo, Ohio. Member of Delta Chi.

Cole, George Nathan
M. E. in E. E. 1891
Designer and Contractor Warehouse Doors and Building Specialties
1328 Broadway, New York City

Born in New York City, September 15, 1869. Married June 20, 1900. Attended the Ohio State University four years and was graduated in June 1891, with the degree, Mechanical Engineer in Electrical Engineering. Attended Medical School one and a half years. Reporter and Superintendent, Bradstreet's Mercantile Agency, Columbus, Ohio; with J. Wendell Cole & Son, Chicago, Ill., Western Agents, Kinnear Manufacturing Company; engaged for the past fifteen years in selling and designing warehouse steel doors for railroads and building contractors and in the introduction of building specialties. Trustee and member of Building Committee of a $100,000 church property. Member of New York Railroad Club, Association American Society of Civil Engineers, Mystic Shrine and Phi Kappa Psi.

Colton, Louise Alden Teacher
B. A. 1906
518 Wayne Street, Sandusky, Ohio

Born in Columbus, Ohio, May 18, 1883. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Teacher, German Department, High School, Napoleon, Ohio, two years; Teacher of Literature and History, Napoleon, Ohio, two years. Since September 1910, Teacher of Literature and History, Sandusky High School, Sandusky, Ohio.

Condit, Daniel Dale Geologist
B. A. 1909 M. A. (Columbia University) 1910
Geological Survey of Ohio
Columbus, Ohio

Born at Jersey, Ohio, February 28, 1886. Attended Denison University, 1902-03; attended Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts; attended Columbia University, 1909-11, and received the degree, Master of Arts in 1910. Assistant Geologist on Ohio Geological Survey, 1907 to the present time; Assistant in Department of Geology, Columbia University, 1910-11. Among his published articles are, "The Petrographic Character of Ohio Sands," Journal of Geology, No. 1, 1912; "The Pomeroy Coal in Ohio," (J. A. Bownocker and D. D. Condit), Econ. Geol. Vol. 3, No. 3, pp. 183-199, 1908; "The Conemaugh Formation in Southern Ohio," Ohio Naturalist, 1908. Member of American Association for Advancement of Science and of Sigma Xi.

Condit, Ira Judson Teacher
B. Sc. Hort. & Forestry 1905
San Luis Obispo, California

Born in Jersey, Ohio, November 18, 1884. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Science in Horticulture and Forestry. Florist, Ohio State University, September to December 1905; Second Assistant, Bureau of Entomology, Washington, D. C., January 1906, to August 1907; since 1907 Instructor in Botany and Horticulture, California Polytechnic School, San Luis Obispo, California.

Cone, John Charles Teacher
B. Ph. 1903
Y. M. C. A., Oak Park, Illinois

Born in Hamilton, Ohio, August 25, 1878. Attended Richmond College, Richmond, Virginia, 1897-98; attended Ohio State University, 1900-03, and was graduated in June 1903, with the degree, Bachelor of Philosophy. Principal of High School, Millersburg, Ohio, 1903-04; head of English Department, High School, Hamilton, Ohio, 1904-09; head of English Department, High School, Elgin, Illinois, 1909-11; since 1911 Teacher in High School, Oak Park, Illinois. Member of Knights of Pythias and Masonic Order.

Connable, Howard Paige
Mercantile Salesman
S. H. Knox Branch, Woolworth & Co., Toronto, Ontario, Canada

Born at Springfield, Ohio, June 10, 1888. Attended Wittenberg College one year; attended Denison University one year; attended Ohio State University, 1908-09, Winter and Spring 1910, year 1910-11, and will receive the degree, Bachelor of Arts, in June 1912. At present with S. & H. Knox Branch of Woolworth & Company, Toronto, Ontario, Canada. Member of Phi Gamma Delta.

Connell, Laura Jewell Teacher
B. Ph. 1896
433½ E. Long Street, Columbus, Ohio

Born at Galion, Ohio. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy. At present Teacher of German in West High School, Columbus, Ohio.

Connolley, Augusta Teacher
B. Ph. 1902
414 West Eighth Avenue
Columbus, Ohio

Born in Portsmouth, Ohio, August 31, 1879. Attended the Ohio State University four years, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Teacher of Latin and English, High School, Sac City, Iowa, 1903-06; Teacher of German and English, High School, Steubenville, Ohio, 1906-08. Since 1908 Teacher of Latin, West High School, Columbus, Ohio. Member of Pi Beta Phi.

Connolley, Fred Davis Mercantile Salesman
Central Ohio Paper Company
Columbus, Ohio

Born at Portsmouth, Ohio, July 1, 1877. Married Blanche Moss, June 10, 1903. Attended the Ohio State University, September 1894, to January 1897, in the College of Engineering. Since 1897 with The Central Ohio Paper Company. Member of City Council, Columbus, Ohio, from Fifteenth Ward. Member of Columbus Chamber of Commerce, the Ohio Club, Sons of the American Revolution, and Sigma Nu. House address, 1489 Michigan Avenue, Columbus, Ohio.

Conrad, Edward N. Attorney
1325 Rockefeller Building
Cleveland, Ohio

Born at Tiffin, Ohio, January 12, 1872. Was married in 1902. Attended Tri-State Normal College one year; attended Heidelberg University three years; attended Ohio State University, 1900-01, and received a Certificate in Law in June 1901. Practicing attorney at Cleveland, Ohio, since graduation.

Converse, Edward Jasper Clergyman
B. A. 1886 B. D. (Yale University) 1896
59 W. Fourth Avenue, Columbus, Ohio

Born at Plain City, Ohio, October 6, 1865. Married Florence May Rowlen, June 28, 1911. Attended the Ohio State University, 1880-86, and was graduated in June 1886, with the degree, Bachelor of Arts; attended Yale University, Divinity School, September 1893 to May 1896 and received the degree, Bachelor of Divinity in 1896. Attorney-at-Law, 1891-93; Pastor at Albany, Maine, 1896-97; Pastor's Assistant, First Congregational Church, Columbus, Ohio, 1897-07. At present Pastor Congregational Churches at Croton and Lockbourne, Ohio. Member of Phi Kappa Psi.

Converse, Howard Pendleton
B. Sc. 1887
Contractor Steel and Concrete
150 Woodland Road
Auburndale, Massachusetts

Born in Columbus, Ohio, July 4, 1866. Married Ida Burnside Van Wagenen, June 12, 1900. Attended the Ohio State University, 1881-87, two years in the preparatory department, and was graduated in June 1887, with the degree, Bachelor of Science. Attended Boston University Law School one year. Axman on U. S. Government Survey of Muskingum River, Zanesville to Marietta, July, August and September 1887; from October 15, 1887, until 1892, with New Jersey Steel & Iron Company at Rolling Mills and Bridge Shop —drafting, estimating, traveling and closing contracts for steel structures; Manager, New Jersey Steel & Iron Company, New England territory, Boston, Mass., 1892 to 1900; Manager, New England territory, Jones & Laughlin Steel Company, June 1900 to June 1902. Since 1902, member of firm, H. P. Converse & Company, Engineering Contracting—steel structures, general contracting and reinforced concrete construction; also agents for Richey, Browne & Donald—ornamental iron and bronze work, and for the products of the Trussed Concrete Steel Co., of Detroit. Member of Ward and City Committee, Newton, Massachusetts, eight years; Newton Board of Aldermen, five years; Representative from Newton to Massachusetts State Legislature, one year. Member of Masonic Order, the Newton Club, Brae Burn Country Club, Exchange Club, Massachusetts Republican Club, New England Street Railway Association, New England Iron and Hardware Association, Auburndale Brotherhood and Phi Kappa Psi.

Cook, James Smiley Civil Engineer
C. E. 1910
Painesville, Ohio

Born at Salem, Ohio, March 16, 1886. Married Garnette D. Walden, November 1, 1911. Attended the Ohio State Univer-

sity, 1906-10, and was graduated in June 1910, with the degree, Civil Engineer. Deputy County Surveyor, Erie County, Ohio, 1908; Draftsman on State Highway Maps, Summer of 1909; Assistant Engineer on Pittsburgh Division of Pennsylvania Lines, Summer of 1910; Deputy County Surveyor, Lake County, and Assistant Engineer, Painesville and Fairport, 1911; at present, Assistant Engineer, Fairport, Ohio. Member of Masonic Order.

Cook, Melville Thurston Professor
B. A. (Leland Stanford University) 1894
M. A. (De Pauw University) 1902.
Ph. D. 1904
Agricultural Experiment Station
New Brunswick, New Jersey

Born at Coffeen, Illinois, September 20, 1869. Married Dora Reavill, September 8, 1897. Attended De Pauw University three years; attended Leland Stanford University one year, and received the degree, Bachelor of Arts, in 1894; received the degree, Master of Arts from De Pauw in 1902; attended Ohio State University, 1901-04, as graduate student, and received the degree, Doctor of Philosophy, in June 1904. Professor of Biology, De Pauw University, 1895-04; Chief, Plant Pathology and Economic Entomology, Cuban Government, 1904-06; Plant Pathologist, Delaware Agricultural Experiment Station, 1907-11; since 1911, State Plant Pathologist of New Jersey, and Professor of Plant Pathology in Rutgers College. He has published various articles in Scientific Periodicals. Member of Delta Upsilon and Sigma Xi.

Cooke, Elmer Austin Concrete Engineer
West Lakeview Avenue
Clintonville, Ohio

Born at Clintonville, Ohio, July 22, 1885. Married Isadora Loren, December 10, 1908. Attended the Ohio State University, 1903-07, in the College of Engineering. At present junior member of the firm, Cooke & Cooke, Bridge Contractors.

Cooper, David Reginald Civil Engineer
Niagara Falls, New York, P. O. Box 3

Born at Batesville, Ohio, July 30, 1882. Married Margaret Keenan, November 27, 1905. Attended Marietta College, Fall of 1898 to June 1901; attended Ohio State University, Fall Term of 1902 and Spring Term of 1903. Traveling Salesman; Assistant County and City Engineer, Paulding, Ohio; Assistant Engineer, Springfield, Troy and Piqua Railway Company, Springfield, Ohio; Assistant Engineer for Central Construction Company, Toledo, Ohio; Assistant Engineer, Office of City Engineer, Springfield, Ohio; Engineer, Cincinnati, Dayton and Fort Wayne Railway Company, Dayton, Ohio; Assistant Engineer, Office of City Engineer, Dayton, Ohio; laid out sub-division to City of Dayton; Detailing Draughtsman in Drawing Rooms of Platt Iron Works Company, Dayton, Ohio; Assistant Engineer in office of Chief Engineer, Board of Trustees, Commissioners of Water Works, City of Cincinnati, Ohio; New Water Works filtration plant for the City of Cincinnati; Assistant Engineer in office of Chief Engineer, New York Central and Hudson River Railway Company, Grand Central Station, New York City; Assistant Engineer-Designer, in Headquarters Department of the Engineering Bureau, Board of Water Supply, City of New York. Specifications, estimates and designs in connection with the new $162,000,000 Catskill Mountain Water supply system for New York City; Assistant Engineer, New York State Water Supply Commission, Adirondack Storage Surveys; Assistant Engineer, Office of New York State Engineer and Surveyor, Bureau of Highways, Albany, New York; Assistant Engineer, State Water Supply Commission, Albany, New York; Engineer-Secretary to New York State Water Supply Commission; at present Principal Assistant to Chief Engineer, Erie Construction Company, Niagara Falls, New York. Among his publications are, "Water Power for the Farm and Country Home," January 1911; contributions to Annual Reports of

New York State Water Supply Commission and articles in Technical Magazines,—Engineering News, and Engineering-Contracting. Member of American Society of Civil Engineers, Albany Society of Civil Engineers, and Delta Upsilon. Delegate from New York State to National Conservation Congress at St. Paul, Minnesota, September 1910.

Corbett, Mary Catherine Teacher
B. A. 1910 B. Sc. Edu. 1911
440 Stoddart Avenue, Columbus, Ohio

Born in Springfield, Ohio, August 27, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Attended Summer School of 1911 and received the degree, Bachelor of Science in Education, as of the Class of 1911. Assistant Principal of High School and Instructor in English, Latin, and Science, Junction City, Ohio, 1910, to the present time.

Cornell, Charles Brown Civil Engineer
1806 N. High St., Columbus, Ohio

Born in Columbus, Ohio, October 28, 1880. Married Alice K. Babbitt, September 15, 1909. Attended the Ohio State University, 1898-99, Fall of 1900, 1902-03, in the College of Engineering. Salesman for D. L. Auld, Columbus, Ohio, one year; Draftsman, Pennsylvania R. R., Columbus, Ohio, and Ft. Wayne, Indiana, two and a half years; Draftsman, Alma Portland Cement Company, Wellston, Ohio one year; Draftsman, Jeffrey Manufacturing Company, Columbus, Ohio, two and a half years; Checker, Columbus Structural Steel Company, Columbus, Ohio, one half year; for two years and at present, Engineer with E. G. Bradburg, Consulting Civil and Sanitary Engineer, Columbus, Ohio. Member of Beta Theta Pi.

Cornell, Fred Albert Mercantile Business
The Willys-Overland Company
Toledo, Ohio

Born in Columbus, Ohio, August 10, 1882. Married Gertrude Dykeman, March 29, 1911. Attended the Ohio State University, 1902-05. Salesman, D. L. Auld Co., Columbus, Ohio, 1904-05; Secretary to the Manager, Western Electric Company, New York City, 1906-07; Advertising Manager, Dean Electric Company, Elyria, Ohio, 1907-08; Salesman, Timken Roller Bearing Company, Canton, Ohio, 1909-10; since 1910, Manager Service Department, Willys-Overland Company, Toledo, Ohio. He has published two trade periodicals, "The Bulletin," New York City, 1906-07, and "The Elyrian," Elyria, Ohio, 1907-08. Member of Beta Theta Pi.

Corotis, Maxwell Edward Insurance
B. Sc. Hort. & For. 1908
75 West Tenth Ave., Columbus, Ohio

Born in New York City, May 22, 1884. Attended Cornell University, College of Agriculture, 1904-05; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Science in Horticulture and Forestry. Graduate Student at Ohio State University, 1909 to February 1911. At Wooster Agricultural Experiment Station, 1909; Graduate Student and Assistant in Botany, Ohio State University, 1910 to March 1, 1911; Supervisor of Children's Gardening Work and Vacant Lot Farming of Columbus, Ohio, March 1 to October 1, 1911; at present, District Agent, Midland Mutual Life Insurance Co., 608 East Broad Street, Columbus, Ohio. Member of Alpha Zeta and Delta Theta Sigma.

Corwin, Edwin Eugene Attorney
B. A. 1880
Chamber of Commerce, Columbus, Ohio

Born in Cleveland, Ohio, March 28, 1853. Married May A. Jeffries, May 1882. Attended the Ohio State University six years and was graduated in June, 1880, with the degree, Bachelor of Arts. Member of City Council, Columbus, Ohio, 1888-90; Attorney at Law, Columbus, Ohio, since June 1881. Member of Masons, Knights of Pythias and Odd Fellows. House address, 1373 Michigan Avenue, Columbus, Ohio.

Cosgrove, Karl McCortle Civil Engineer
C. E. 1911
845 Wheeling Ave., Cambridge, Ohio

Born in Cambridge, Ohio, February 24, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Civil Engineer. Assistant City Engineer, Cambridge, Ohio, Summer of 1910; Civil Engineer, Belle Valley Coal Mining Company, June 1911 to November 1911; Chief Field Engineer, Belle Valley Coal Mining Company, November 1911; since December 1, 1911, City Engineer of Cambridge, Ohio, and engaged in private practice of Civil Engineering.

Cosley, Harvey Harter
C. E. 1901 Sales Engineer, Steel
Wheaton, Illinois

Born at Troy, Ohio, December 27, 1877. Married Edna Oyer, August 27, 1908. Attended the Ohio State University, 1897-01, and was graduated in June, 1901, with the degree, Civil Engineer. With Illinois Steel Company, four years; for seven years and at present with Cambria Steel Company. Member of Chicago Engineers' Club, Wheaton Golf Club, and Sigma Alpha Epsilon.

Cottom, Wilbur Lewis
Electrical Construction
417 Arcade. Bldg., Dayton, Ohio

Born in Harrison Township, Montgomery County, Ohio, January 24, 1884. Attended the Ohio State University, 1905-06, in the College of Engineering. Wireman for The Dayton Electric Light Company and Butterworth & Reiter; Foreman for The Geo. F. Grove Electric Company, and H. B. Wyman; at present Owner and Manager of W. L. Cottom & Company, contractors for Electrical Construction and dealers in machinery and supplies, Dayton, Ohio.

Cotton, Edwin Charles Entomologist
B. Sc. Hort. & For. 1905
Agricultural Experiment Station
Knoxville, Tennessee

Born in North Amherst, Ohio, December 19, 1876. Attended the Ohio State University, 1897-01 and 1904-05, and was graduated in June 1905, with the degree, Bachelor of Science in Horticulture and Forestry. Assistant Nursery and Orchard Inspector, Ohio Department of Agriculture, April 1901 to September, 1904, also July. 1905 to February 1906; Assistant Entomologist, Louisiana Crop Pest Commission, February 1906 to September 1906; since 1908, Assistant Entomologist, Tennessee Agricultural Experiment Station. Member of Ohio Academy of Science, American Association for Advancement of Science, Association of Economic Entomologists, National Geographic Society, and the Grange. Member of Sigma Xi.

Coulter, Ernest K.
Attorney, Journalist, Lecturer
2 Rector St., New York City

Born in Columbus, Ohio, November 14, 1871. Married Helene C. Livingston, June 24, 1896. Attended the Ohio State University, 1887-89, in Preparatory Course, and in Arts College, 1891-93; attended New York Law School, 1902-04, and was admitted to the bar in 1904. Journalist, New York Sun, 1893-02; Clerk Children's Court of New York County, 1902 to December 31, 1911; since January, 1912, law partner with firm of Coulter, Bond & McKinney, New York City. Among his publications are, "Alien Colonies and the Children's Court," North American Review, November 1904; "The New York Children's Court," Contemporary Review, April 1905; "The End of the Feud," Appleton's, 1907; "The Big Brother and the Children's Court." The Circle, 1907; "A Child Saving Station," The Outlook, 1911; "The Grist," soon to appear. Member of The Big Brother Movement, Ohio Society of New York, Ohio State University Association of New York, Amen Corner of New York, Member Committee on Defective Delinquents, New York Press Associa-

tion, Beta Theta Pi Club of New York, and Beta Theta Pi. Founder and first President of the Big Brother Movement. Lecturer of the Civic Forum of New York.

Coursault, Jesse H. Professor
B. A. 1893 M. A. 1898
M. A. (Harvard University) 1900
Ph. D. (Columbia University) 1907
University of Missouri, Columbia, Mo.

Born at Bellaire, Ohio, in 1871. Married Edith Logan, November 28, 1907. Attended the Ohio State University, 1889-93, 1895-98, and was graduated in June 1893 with the degree, Bachelor of Arts, and in June 1898 with the degree, Master of Arts; attended Harvard University, 1899-00, receiving the degree, Master of Arts, in 1900; attended Columbia University, 1903-05, receiving the degree, Doctor of Philosophy in 1907. Teacher in Central High School, Columbus, Ohio, 1894-99; Teacher in South High School, Columbus, Ohio, 1900-03; Assistant Professor of the Philosophy of Education, University of Missouri, 1905-07; Assistant Professor of the History and Philosophy of Education, University of Missouri, 1907-09; since 1909, Professor of the History and Philosophy of Education, University of Missouri. He has written "The Learning Process, or Educational Theory Implied in Theory of Knowledge," 1907. Member of Phi Beta Kappa and Phi Delta Kappa.

Covell, Vernon Royce Civil Engineer
C. E. 1895
816 South Avenue, Wilkinsburg, Pa.

Born at Jefferson, Ohio, December 13, 1866. Married Corrie Bailey, October 6, 1897. Attended the Ohio State University, 1891-95, and was graduated in June 1895 with the degree, Civil Engineer. On construction work, Central Union Telephone Company, June 1895 to July 1896; Draftsman, P. C. C. & St. L. Ry. Co., Pittsburgh, July 1896 to January 1897; Assistant to County Engineer, Allegheny County, Pennsylvania, February 1897 to January 1904; Superintendent, Pennsylvania Heat and Power Company, Wilkinsburg, Pa., January 1904 to 1906; since January 1906, Deputy County Engineer, Allegheny County, Pa. Associate Member, American Society of Civil Engineers, Member Engineers Society of Western Pennsylvania, Wilkinsburg Civic Club, and Sigma Alpha Epsilon. Chairman Structural Section, Engineering Society of Western Pennsylvania, 1910.

Cowgill, Henry Allison Electrical Engineer
M. E. in E. E. 1908
St. Joseph Railway Light, Heat and Power Company, St. Joseph, Mo.

Born in Kennard, Ohio, August 3, 1887. Attended the Ohio State University, 1904-08, and was graduated in June 1908 with the degree, Mechanical Engineer in Electrical Engineering. Salesman for Power Electric Company, Canton, Ohio, July to December 1908; with Engineering Department, E. W. Clark & Company, Columbus, Ohio, January 1909 to May 1911; since June 1911, Electrical Engineer, St. Joseph Railway, Light, Heat & Power Company, St. Joseph, Missouri. Associate Member of American Institute of Electrical Engineers.

Cowgill, Paul Everett Draftsman
M. E. 1910
Weinman Mfg. Co., Columbus, Ohio

Born in Leonardsburg, Ohio, June 14, 1887. Attended the Ohio State University four years, and was graduated in June 1910 with the degree, Mechanical Engineer. Traveling Salesman, Lattimer Stove Company, Columbus, Ohio, 1906-08; Commercial Department, New York Telephone Company, New York City, 1910-11; Instructor, North Carolina College of Agriculture and Mechanic Arts, September 1911 to January 1912; at present with the Weinman Manufacturing Company, Columbus, Ohio. He is a Mason, United Commercial Traveler, and member of the American Society of Mechanical Engineers.

Cowles, Howard Elbert Civil Engineer
C. E. 1907
Pleasantville, Ohio

Born in Austinburg, Ohio, in January 1882. Attended the Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Civil Engineer. Railroad Construction, Arkansas, Louisiana & Gulf Railroad, 1907-08; Assistant on Engineering Corps, Pennsylvania Lines, 1910-11; at present on Engineering Corps of Rock Island Railroad.

Crab, George Arthur Scientist, Soil Survey
B. Sc. Agr. 1907
U. S. Department of Agriculture, Bureau of Soils, Washington, D. C.

Born at Lima, Ohio, August 18, 1882. Married Mary Clement Shepperson, September 28, 1908. Attended the Ohio State University, 1901-07, and was graduated in June 1907 with the degree, Bachelor of Science in Agriculture. Graduate Student at Cornell University, 1909-10. Scientific Assistant, Bureau of Soils Laboratories, U. S. Department of Agriculture, April to October 1907; Instructor in Soil Technology, New York State College of Agriculture at Cornell University, Ithaca, New York, October 1907-10; at present Scientist in Soil Survey, U. S. Department of Agriculture, Bureau of Soils, Washington, D. C. Member of American Society of Agronomy, Secretary of New York State Drainage Association, 1910. Member of Alpha Zeta.

Crabs, Jay Mitchell Civil Engineer
C. E. 1907
Diamond Alkali Company
Fairport Harbor, Ohio

Born at Pravo, Jefferson County, Ohio, December 29, 1879. Married Florence Hester Phillips, November 9, 1911. Attended Mt. Union College six months; attended Muskingum College one year; attended Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer. Topographer and transitman, Norfolk & Western R. R., January to September 1903; Deputy County Surveyor, Lake County, June 1907-10; On Construction work, Diamond Alkali Company, Fairport Harbor, Ohio, fifteen months, and at present, Civil Engineer for same company. Home address, Painesville, Ohio.

Craig, Ora Joseph Civil Engineer
B. A. (Lebanon University) 1906
C. E. 1910
335 East Main St., Greenville, Ohio

Born in Greenville, Ohio, September 16, 1884. Married Gertrude Beutler, June 8, 1910. Attended Lebanon University, Lebanon, Ohio, 1904-06, and was graduated in June 1906 with the degree, Bachelor of Arts; attended Ohio State University, 1907-10, and was graduated in June 1910 with the degree, Civil Engineer. Assistant Principal, New Madison, Ohio, High School, 1906-07; since June 1, 1910, City Civil Engineer, Greenville, Ohio.

Crane, Alice Professor
B. Sc. Dom. Sc. 1911
Ohio State University, Columbus, Ohio

Born in Columbus, Ohio, October 22, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Bachelor of Science in Domestic Science. Since 1911 Assistant in Department of Domestic Science, Ohio State University. Member of Kappa Kappa Gamma.

Crane, Carson Kinsell Salesman
24 E. Third Avenue, Columbus, Ohio

Born in Martel, Marion County, Ohio, January 25, 1883. Attended the Ohio State University, 1899-00. In Retail Grocery business with G. W. Crane, 1900-06; since 1906, salesman with The E. J. Crane's Sons Company, wholesale cigars and tobacco, Columbus, Ohio. Member of Alpha Tau Omega.

Crane, Evan T. Editor
B. A. 1911
24 E. Third Avenue, Columbus, Ohio

Born in Columbus, Ohio, February 14, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Bachelor of Arts. Associate Editor of "Chemical Abstracts," since graduation. Member the American Chemical Society, Lambda Sigma, Alpha Tau Omega, Sigma Xi, Phi Beta Kappa, Phi Lambda Upsilon.

Crane, Joseph Thompson Superintendent
B. A. 1906
West Virginia Inspection Bureau, Charleston, West Virginia

Born in Columbus, Ohio, in 1884. Attended the Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Bachelor of Arts. Since 1906 connected with Charleston Branch Office, West Virginia Inspection Bureau, Fire Insurance, and at present, Superintendent of that Office. Member of Beta Theta Pi.

Crawford, Mary B. Teacher
B. Sc. Dom. Sci. 1901
Girls' Industrial School, Industrial, West Virginia

Born at Blaine, Ohio. Attended the Ohio State University, 1896-01, and was graduated in June 1901 with the degree, Bachelor of Science in Domestic Science. Since 1903 Teacher in Girls' Industrial School, Industrial, West Virginia.

Crawford, William Sterling Journalist
B. Ph. 1888
9 South LaSalle St., Chicago, Ill.

Born in Cleveland, Ohio, November 25, 1865. Married Josephine Stewart, September 14, 1892. Attended the Ohio State University, 1883-88, and was graduated in June 1888 with the degree, Bachelor of Philosophy. Manager, Missoula, Montana, Bureau of the Anaconda (Mont.) "Standard," March 1890 to August 1892; City Editor, Boise, Idaho, "Evening Mail," September to December 1892; Reporter, Boise, Idaho, "Statesman," January-February 1893; with "The Ohio Underwriter" and its successor, "The Western Underwriter," May 1898 to December 1899 and from May 1902 to January 1904 at Cincinnati, Ohio; since January 1904 Associate Editor "The Western Underwriter," Chicago. He compiled and edited "Pointers for Local Agents," published in 1909 by The Western Underwriter Company. Member of Fire Insurance Club of Chicago, and Ancient and Honorable Order of the Blue Goose.

Crayton, Guy A. Civil Engineer
669 South Main Street, Lima, Ohio

Born in Lima, Ohio, in 1884. Attended the Ohio State University, 1902 to December 1906, and January to June 1911. Engaged as Civil Engineer for more than four years on railroads and buildings, with The Lima & Toledo Traction and the Indiana, Columbus & Eastern Traction Company (both now The Ohio Electric Railway); Civil Engineer for Chicago, Burlington & Quincy Railroad and the Milwaukee, Sparta & Northwestern Railroad (part of C. & N. W. R. R.); since January 1911 City Civil Engineer, Lima, Ohio.

Crew, Kathleen Teacher
Chesterhill, Ohio

Born at Chesterhill, Ohio, April 26, 1890. Attended the Ohio State University, 1907-09, and Summers of 1910- 1911 in the College of Arts. Since 1909, Grade Teacher, Chesterhill, Ohio.

Crocker, Hilda Laurier Weber
(Mrs. Theodore Doane Crocker)
B. A. (Wellesley College) 1903
440 Kenilworth Place
Milwaukee, Wisconsin

Born at Champaign, Illinois, March 5, 1881. Married Theodore Doane Crocker, September 1909. Attended the Ohio State University, 1901-02; attended Wellesley College, 1899-01 and 1902-03, and was graduated in 1903 with the degree, Bachelor of Arts. Member of Association of Collegiate Alumnae and of Kappa Alpha Theta.

Crocker, Theodore Doane Commercial Engineer
M. E. in E. E. 1904
Milwaukee Electric Railway & Light Co., Milwaukee, Wisconsin.

Born in Elyria, Ohio, October 8, 1878. Married Hilda L. Weber, September 14, 1907. Attended the Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Mechanical Engineer in Electrical Engineering. At present Commercial Engineer, Milwaukee Electric Railway & Light Company. Member of Sigma Alpha Epsilon and of the National Electric Light Association. House address, 440 Kenilworth Place, Milwaukee, Wisconsin.

Crooks, Clair L. Mercantile Hardware
B. A. 1909
Van Wert, Ohio

Born at Van Wert, Ohio, October 21, 1887. Attended the Ohio State University, 1904-05, 1906-09, and was graduated in June 1909 with the degree, Bachelor of Arts. Turbine Testing Department of General Electric Company, September 1909 to July 1910; at present Member of firm of Crooks Bros., Hardware dealers, Van Wert, Ohio.

Crout, Ray Durand Principal High School
B. A. 1904 M. A. 1905
181 Jefferson Street, Ironton, Ohio

Born at Wauseon, Ohio, in 1878. Married Mary Etta Sharp in 1906. Attended the Ohio State University, 1899-00, in College of Law, 1900-04 in College of Arts, 1904-05 Graduate Work, and was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1905 with the degree, Master of Arts. Principal of High School at Columbus Grove, Ohio, 1905-06; Instructor in History, Sandusky High School, Sandusky, Ohio, 1906-10. Since 1910 Principal of High School, Ironton, Ohio.

Crowe, Stanley Edwin Professor
B. A. 1909
Michigan State Agricultural College, East Lansing, Michigan

Born at Jacksontown, Ohio, May 4, 1885. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Bachelor of Arts; attended University of Wisconsin, Summer of 1911. Since 1909 Teacher of Mathematics, Michigan State Agricultural College, East Lansing, Michigan. Honorary member of Olympic Society, member of Ohio Club at Michigan Agricultural College and Delta Kappa.

Crowner, Delbert Alonzo
B. Sc. Agr. 1896 Butter Manufacturer
West Jefferson Creamery Company
Columbus, Ohio

Born in Wellsville, New York, March 4, 1872. Married Mary Ward. Attended the Ohio State University, 1892-96, and was graduated in June 1896 with the degree, Bachelor of Science in Agriculture. Dairyman, Ohio Agricultural Experiment Station; Instructor in Butter-making, Ohio State University, four years. At present President and General Manager, The West Jefferson Creamery Company, Columbus, Ohio. House address, 428 East Gay Street, Columbus, Ohio.

Croy, Harold Lee Mechanical Engineer
M. E. 1906
216 East Adams Street, Muncie, Ind.

Born at Massillon, Ohio, in 1883. Attended the Ohio State University, 1902-06, without missing a single hour's recitation, quiz or laboratory period, and was graduated in June 1906, with the degree, Mechanical Engineer. At present, Assistant Engineer and Designer, Inter-State Automobile Company, Muncie, Indiana. Member of Society of Automobile Engineers, Gamma Phi and Delta Upsilon.

Crumerine, George Roy Farmer
R. R. No. 1, Nova, Ohio

Born in Nova, Ohio, December 16, 1878. Attended Oberlin College, 1895-96, and the Ohio State University, 1900-03. Common School Teacher, 1896-00; Farmer and Poultryman since 1903. At present Secretary and Poultry Manager, "Clayland Farm," M. H. Crumrine & Sons. Member American Poultry Association, Knights of the Maccabees, North Star Grange, Ohio Corn Improvement Association, Red Polled Cattle Club of America, International Rose Comb Black Minorca Club.

Cunningham, Edward Walter Civil Engineer
C. E. 1894
11020 Detroit Street, Cleveland, Ohio

Born in Allegheny, Pennsylvania, March 14, 1872. Married Daisy R. Robinson, October 10, 1900. Attended the Ohio State University, 1888-94, and was graduated in June 1894, with the degree, Civil Engineer. Draftsman, Pittsburg, May 1895 to May 1896; Superintendent of Construction, May 1896 to April 1898; Junior Engineer, Corps of Engineers, U. S. A., April 1898 to November 1899; Superintendent of Construction, Pittsburg, November 1899 to October 1900; Checker, Structural and Bridge Work, October 1900 to September 1904; Checker, Railway Bridge Department, American Bridge Company, September 1904 to January 1906; Assistant Engineer, Railway Bridge Department, American Bridge Company, January 1906 to March 1907; Chief Engineer, Vorce Engineering Company, Cleveland, Ohio, March 1907 to February 1909; Assistant Engineer, Osborn Engineering Company, Cleveland, Ohio, February 1909 to January 1912. At present, Deputy Inspector of Buildings, City of Cleveland. Associate Member, American Society of Civil Engineers, member of Masons, Singers' Club, Cleveland, Ohio, Edgewater Tennis Club, Cleveland, Ohio, and Phi Gamma Delta.

Cunningham, John Ferguson Editor
B. Sc. Hort. and For. 1897
M. Sc. Hort. and For. 1899
The Ohio Farmer, Cleveland, Ohio

Born in Apton, Iowa, February 4, 1877. Married Edna Mumper, October 30, 1907. Attended the Ohio State University, 1891-92 and 1895-99, and was graduated in June 1897 with the degree, Bachelor of Science in Horticulture and Forestry, and in June 1899 with the degree, Master of Science in Horticulture and Forestry, Fellowship in Horticulture and Forestry, Ohio State University, 1897; Assistant in Horticulture and Forestry, Ohio State University, 1898-99; Associate Editor, "The Ohio Farmer," Summer 1899; at present Managing Editor of "The Ohio Farmer." Member American Association for Advancement of Science, Ohio Academy of Science, Columbus Horticultural Society, Ohio State Horticultural Society, Ohio Live Stock Association, Cleveland Grays, Hermit Club and Lakewood Yacht Club. Member of Phi Gamma Delta, Alpha Zeta and Sigma Xi. Founder of Alpha Zeta Fraternity. Rear Commodore, Lakewood Yacht Club; President, Vice-President and Secretary-Treasurer of Cleveland Ohio State University Club at various times.

Cunningham, Robert Henry, Jr.
M. E. 1905 Sales Engineer
Ingersoll-Rand Co., Cleveland, Ohio

Born in Mt. Sterling, Ohio, September 12, 1883. Attended the Ohio State University, 1901-05, and was graduated in June 1905 with the degree, Mechanical Engineer. Since August 1905, Engineer-Salesman, Ingersoll-Rand Company, 11 Broadway, New York City, and at present connected with Cleveland Office. Member of American Society of Mechanical Engineers and Phi Gamma Delta.

Curtis, Leigh Goodrich Civil Engineer
C. E. 1899
6910 Euclid Avenue, Chicago, Ill.

Born in Hamilton, Ohio, November 28, 1874. Married Frances Bohl, August 15,

1900. Attended the Ohio State University, 1895-99, and was graduated in June 1899 with the degree, Civil Engineer. Since graduation, Engineer Maintenance of Way, Northern District of Baltimore & Ohio Railroad, also of The Baltimore & Ohio Chicago Terminal Railroad Company. Member of the American Railway Engineering Association and of Chi Phi and Sigma Xi.

Cusic, Howard Lupton Mechanical Engineer
Westinghouse Air Brake Company
Wilmerding, Pennsylvania

Born at Brilliant, Ohio, July 12, 1886. Attended the Ohio State University, 1906-08, in the College of Engineering; attended Ohio University one year. At present in Testing Department, Westinghouse Air Brake Company, Wilmerding, Pa. Member of Delta Tau Delta.

Dallas, John Thomas
B. Sc. Agr. 1905 D. V. M. 1906
U. S. Department of Agriculture, Bureau of Animal Industry
1250 Campbell Street, Portland, Ore.

Born at Dillonvale, Ohio, July 17, 1875. Was married June 27, 1900. Attended the Ohio State University, 1893-96, 1901-02 and Spring of 1905, in College of Agriculture, and was graduated in June 1905 with the degree, Bachelor of Science in Agriculture; in College of Veterinary Medicine, 1905-06, and received the degree, Doctor of Veterinary Medicine in June 1906. At present with U. S. Department of Agriculture, Bureau of Animal Industry.

Damron, Carson Wiley Structural Engineer
M. E. 1897
The Jeffrey Mfg. Co. Columbus, Ohio

Born in Gallipolis, Ohio, December 12, 1873. Married Clara M. Thomas, June 14, 1899. Attended the Ohio State University, 1892-97, and was graduated in June 1897 with the degree, Mechanical Engineer. With Columbus Machine Company, June 1897 to February 1898; Draftsman, The Jeffrey Manufacturing Company, Columbus, Ohio, February 1898 to January 1, 1901; Chief Draftsman, The Wagner Palmros Manufacturing Company, Fairmont, West Virginia, January 1, 1901, to June 1903; with Hyle & Patterson, Pittsburgh, Pa., June 1903 to August 1905; Chief Draftsman, W. N. Kratzer & Company, Pittsburgh, Pa., August 1905 to April 1907. Since April 1907, Structural Engineer, The Jeffrey Manufacturing Company, Columbus, Ohio. House address, 2166 North High Street, Columbus, Ohio.

Dann, Walter Melville Electrical Engineer
M. E. in E. E. 1902
900 Ross Avenue, Wilkinsburg, Pa.

Born in Columbus, Ohio, April 27, 1879. Married Virginia Gilmour Marshall, September 1, 1908. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Mechanical Engineer in Electrical Engineering. Electrical Engineer, with Westinghouse Electric & Manufacturing Company since graduation; Engineer in General Engineering Department of that company at present time. Member of American Institute of Electrical Engineers, Westinghouse Club, Pennwood Club and of Phi Delta Theta.

Davenport, Adrian E Broker
B. A. 1897
689 Linwood Avenue, Columbus, Ohio

Born in Licking County, Ohio, June 30, 1874. Attended the Ohio State University four years and one term, 1892-97, and was graduated in June 1897 with the degree, Bachelor of Arts. Broker, stocks and bonds.

Davies, Gordon Student
B. A. 1909
224 South Thayer Street
Ann Arbor, Michigan

Born in Youngstown, Ohio, December 20, 1884. Attended Buchtel College, January to June 1903, and the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Bachelor of

Arts. Paymaster's Department, Goodrich Rubber Company, 1904-05; Stenographer, Law Department, The Hocking Valley Railway Company, 1909-10; Reporter, "The Columbus News," Columbus, Ohio, 1910-11; Law Student, University of Michigan, at the present time. Member of Kappa Sigma.

Davies, John Lodwick Attorney
LL. B. 1894
1414 Eastwood Ave., Columbus, Ohio

Born in Columbus, Ohio, September 29, 1868. Married Pearl Slemmons Longnecker, July 8, 1908. Attended the Ohio State University two years and was graduated in June 1894 with the degree, Bachelor of Laws. Member of Board of Education, Columbus, Ohio, and President of Board, 1895; Special Assistant to City Solicitor of Columbus, Ohio, 1907-10; First Assistant City Solicitor, Columbus, Ohio, 1910-11. At present Attorney-at-Law, Columbus, Ohio. Past Master, Columbus Lodge of Masons, 32d Degree Scottish Rite Mason, member of Shrine, and Odd Fellows. Member of Phi Delta Phi.

Davis, Charles William Insurance
E. M. 1894
403 Perry-Payne Building
Cleveland, Ohio

Born in Youngstown, Ohio, December 25, 1870. Married Kathleen Lawrence, January 14, 1909. Attended the Ohio State University, 1890-94, and was graduated in June 1894 with the degree, Engineer of Mines. Assistant to Professor N. W. Lord, Ohio State University, 1894-95; Instructor in Chemistry, Colorado Springs High School, 1895-99; Investments and Insurance, Colorado Springs, 1899-03. Since 1903 partner with Albert Rees Davis, Cleveland, Ohio, General Insurance. Member of Sigma Chi.

Davis, Clara Maud Principal High School
B. A. 1910
McArthur, Ohio

Born at Wellston, Ohio, February 14, 1889. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Arts. Since 1910 Principal of High School, McArthur, Ohio. Home address, 129 West Ninth Avenue, Columbus, Ohio.

Davis, Daniel E. Sanitary Engineer
C. E. 1908
932 West Johnson Street
Madison, Wisconsin

Born in Columbus, Ohio, June 15, 1886. Attended the Ohio State University, 1904-08, and was graduated in June 1908 with the degree, Civil Engineer. In railroad work, Summers 1906 and 1907; County Engineering, Summer of 1908; Assistant in Office of Bradbury & Schute, Sanitary Engineers, 1909-10; Assistant City Engineer, in charge of construction new sewage disposal plant, Alliance, Ohio, 1910-11. At present Graduate Student and Research Assistant, Hydraulics and Sanitary Engineering, University of Wisconsin. Junior member of American Society of Civil Engineers, member of Masonic Order, and of Triangle.

Davis, Charles Thomas Attorney
LL. B. 1905
Opera Block, Massillon, Ohio

Born in Wales, January 15, 1878. Married Jean Martin, January 1, 1910. Attended Denison University one year, University of Colorado one year, and the Ohio State University three years, and was graduated in June 1905 with the degree, Bachelor of Laws. Attorney-at-Law, Massillon, Ohio, and since 1910, City Solicitor of Massillon. Member of Phi Delta Theta and Delta Chi.

Davis, Vernon Hayes Professor
B. Sc. Agr. 1900 B. Sc. Agr (Cornell University) 1901
Ohio State University, Columbus, Ohio

Born at Byesville, Ohio, March 4, 1877. Married Mary E. Haskell, August 6, 1908. Attended the Ohio State University, 1895-00, and was graduated in June 1900 with

the degree, Bachelor of Science in Agriculture; attended Cornell University and received the degree Bachelor of Science in Agriculture in 1901. Assistant in Horticulture and Forestry, Ohio State University, 1901-02; Assistant Professor of Horticulture and Forestry 1902-09. Since 1909 Assistant Professor of Horticulture, Ohio State University. Member of Kappa Sigma, Alpha Zeta and Sigma Xi.

Dean, Charles Augustus Ceramic Engineer
Cer. Eng. 1911
The Norton Company
Worcester, Massachusetts

Born at Waverly, Ohio, February 20, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Ceramic Engineer. At present in Research Department, The Norton Company, Worcester, Massachusetts. Member of American Ceramic Society and Chi Phi.

Dean, Walter O. Electrical Engineer
M. E. in E. E. 1907
The Wentworth-Dean Electric Co.,
Lima, Ohio

Born in Washington, D. C., May 20, 1883. Married Hazel Axline, October 19, 1910. Attended the Ohio State University five years and was graduated in June 1907 with the degree, Mechanical Engineer in Electrical Engineering. Since 1908 Manager, The Wentworth-Dean Electric Company.

DeCamp, Mary Adelaide
B. A. 1906
224 Putnam Avenue, Zanesville, Ohio

Attended the Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Bachelor of Arts.

De Fosset, Albert Jacob
D. V. M. 1907
U. S. Department of Agriculture—Bureau of Animal Industry
Cheyenne, Wyoming

Born at Murdock, Ohio, May 4, 1881. Married Theresa M. Moore, April 26, 1908. Attended the Ohio State University, 1904-07, and was graduated in June 1907 with the degree, Doctor of Veterinary Medicine. Veterinary Inspector in Bureau of Animal Industry, U. S. Department of Agriculture, Chicago, Ill., June 1907 to October 1907; Supervisor of Inspectors for Bureau of Animal Industry, U. S. Department of Agriculture, Cudahy, Wisconsin, October 1907 to August 12, 1909. Since 1909, Inspector in charge of Meat Inspection and Insterstate Inspection of horses and cattle for contagious and communicable diseases, Bureau of Animal Industry, U. S. Department of Agriculture, Cheyenne, Wyoming. Member of Masonic Order.

DePue, Chalmers Webster Agronomist
B. Sc. Hort. & For. 1909
Olmsted Bros., 38 Bowker Street,
Brookline, Massachusetts

Born at Wellington, Kansas, September 10, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Bachelor of Science in Horticulture and Forestry. Manager of large estate and truck farm in Southwest Texas, 1909-10. At present, Agronomist with Olmsted Brothers, Landscape Architects, Brookline, Massachusetts. Secretary-Treasurer New England Ohio State Association.

Derby, Alice
(See Alice Derby Carr)

Devol, William Stowe
B. Sc. Agr. 1886
Secretary, Board of Trade
Redlands, California

Born in Marietta, Ohio, March 24, 1860. Married Kate M. Titus, April 3, 1894. Attended the Ohio State University, 1880-86, and was graduated in June 1886, with the degree, Bachelor of Science in Agriculture. Botanist, Ohio Agricultural Experiment Station, 1883-86; Manager, Ohio State University Farm, 1886-87; Botanist and Bursar, Ohio Agricultural Experiment Station, 1887-89; Professor of Agriculture and

Horticulture, Nevada State University, and Agriculturist and Horticulturist, Nevada Experiment Station, 1889-90; Newspaper Correspondent, 1891-95 and 1898-12. Professor of Agriculture and Horticulture, University of Arizona, and Agriculturist, Horticulturist, Arizona Experiment Station, 1895-98; Arizona Territorial Veterinarian, 1897; Director Arizona Experiment Station, 1898; President Arizona Agricultural Association, 1897-98. At present Secretary Redlands Board of Trade, Redlands, California. Among his publications are numerous bulletins for the Ohio, Nevada and Arizona Experiment Stations, and articles for various scientific and literary organizations. Life member, American Pomological Society, Columbus Horticultural Society, Sons of American Revolution, Elks and Red Men.

DeWitt, Claude Bennett Attorney
LL. B. 1900
Sandusky, Ohio

Born in Erie County, Ohio, April 20, 1878. Married Tella M. Axline, April 25, 1901. Attended the Ohio State University, 1895-00, and was graduated in June 1900 with the degree, Bachelor of Laws. Director of Public Safety, Sandusky, Ohio; Revision Clerk, 75th General Assembly of Ohio. At present Referee in Bankruptcy, U. S. District Court. Member of Phi Delta Theta and Phi Delta Phi.

DeWolf, Roger D. Mechanical Engineer
M. E. in E. E. 1901
Rochester Railway & Light Company,
Rochester, New York

Born in Toledo, Ohio, April 25, 1879. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Mechanical Engineer in Electrical Engineering. Engineering Apprentice, Westinghouse Electric & Mfg. Co. 1902-03; Engineering Department of same company, 1903-05; Section Engineer, Research Division Engineering Department of same company, 1904-08. Since 1908 Assistant Mechanical Engineer, Rochester Railway & Light Company, Rochester, New York. Has written various articles presented before American Society for Testing Materials, National Electric Light Association, National District Heating Association. Associate member American Institute of Electrical Engineering, Grade B, National Electric Light Association, Second Vice-President National District Heating Association, member of Sigma Xi.

Dick, Ralph Heber Mercantile Business
Safe-Cabinet Co., Marietta, Ohio

Born in Columbus, Ohio, December 27, 1888. Married Charlotte Louise Howard, September 17, 1907. Attended the Ohio State University one year and one term, 1906-07, and Fall of 1907, in the College of Arts. Secretary, Office Manager and Buyer for The Safe-Cabinet Company, Marietta, Ohio; Secretary-Treasurer and General Manager, The Dick Office Supply Company, Columbus, Ohio, both of which positions he now holds. Member of Executive Committee of the Marietta Board of Trade and Sigma Alpha Epsilon.

Dickey, Francis Wilber Professor
B. A. 1905 M. A. (Harvard University) 1909
Western Reserve University
Cleveland, Ohio

Born in Columbus, Ohio, September 4, 1884. Attended the Ohio State University, 1901-05, and was graduated in June 1905 with the degree, Bachelor of Arts; attended Harvard University, 1907-09, and was graduated in June 1909 with the degree, Master of Arts. Instructor in History and Latin, Franklin, Ohio, High School, 1906-07; Instructor in Political Science and Economics, Iowa State College, Ames, Iowa, 1909-10. Since 1910 Instructor in Political Science, Western Reserve University. Member of American Historical Association and the American Political Science Association.

Dickey, Malcolm Gillespie Student
B. A. 1910
Cornell University, Ithaca, N. Y.

Born in Franklin County, Ohio, in 1889. Attended the Ohio State University four years in undergraduate work and one year in graduate work, and was graduated in June 1910 with the degree, Bachelor of Arts. Student at Cornell University 1911-12. Member of Sigma Xi. Home address, 1986 Indianola Avenue, Columbus, Ohio.

Dickinson, Grant Frey Farmer
Bellefontaine, Ohio

Born at East Liberty, Ohio, August 19, 1889. Attended the Ohio State University, 1908-10. At present a farmer. Member of Grange and Ohio Live Stock Association.

Diemer, Hugo
M. E. in E. E. 1896
Professor and Consulting Engineer
State College, Pennsylvania

Born in Cincinnati, Ohio, November 18, 1870. Married Mabel N. Hudson, June 26, 1901. Attended the Ohio State University, 1892-96, and was graduated in June 1896 with the degree, Mechanical Engineer in Electrical Engineering. Attended the University of Chicago in 1900, and Pennsylvania State College, 1908-11. With Addyston Pipe & Steel Company, 1892-96; Bullock Electric Manufacturing Company and Westinghouse Electric & Manufacturing Company, 1896-00; Assistant Professor, Mechanical Engineering, Michigan Agricultural College, 1900-01; Associate Professor, Mechanical Engineering, University of Kansas, 1901-04; Consulting Engineer for International Harvester Company, Atlas Engine Works, Cincinnati Milling Machine Company, National Motor Vehicle Company, Marion Bed Company and others in factory planning, systematizing and scientific management. At present Professor of Industrial Engineering, Pennsylvania State College. Has been a frequent contributor to periodicals on questions of Industrial Economics and published "Automobiles," 1909; "Factory Organization and Administration," 1910. Fellow in American Association for Advancement of Science; member American Society Mechanical Engineers, Engineering Education Society, Pennsylvania Engineering Society, National Scientific Management Association and of Acacia and Sigma Xi.

Dierdorff, Percy C. Sales Engineer
423 West Seventh Avenue
Columbus, Ohio

Born at Columbus, Ohio, May 18, 1880. Married Florence Thomas, December 25, 1905. Attended the Ohio State University, 1897-99, Fall of 1899 and Fall of 1900, in the College of Engineering. In Engineering Department of Diamond Rubber Company, Akron, Ohio, 1901; Mechanical Engineer, Casparis Stone Company, Columbus, Ohio, 1903. At present Sales Engineer, The Jeffrey Manufacturing Company, Columbus, Ohio. Member of United Commercial Travelers, Knights Templar, and Shriners.

Dieterich, Henry Claude
B. A. 1905 Principal High School
30 King Street, Ashtabula, Ohio

Born at Coopersville, Ohio, September 12, 1876. Married Cornelia Miller, November 29, 1906. Attended Columbia University; attended Ohio University; attended the Ohio State University, 1900-01, 1904-05, and was graduated in June 1905, with the degree, Bachelor of Arts. Principal of High School, Bowling Green, Ohio; Teacher of Mathematics, High School, Toledo, Ohio. At present, Principal of High School, Ashtabula, Ohio. Member of Delta Tau Delta.

Dietrich, Charles Henry
B. Sc. 1878
Sales Agent, Publishing House
Winchester, Kentucky

Born in Fredericksburg, Wayne County, Ohio, September 19, 1849. Married Minnie R. Lander, November 28, 1883. Attended

the Ohio State University, 1875-78, and was graduated in June 1878 with the degree, Bachelor of Science. Public School Teacher, Franklin County, Ohio, 1879; United States Mineral Surveyor, New Mexico, 1880; Superintendent City Schools, Hopkinsville, Kentucky, 1881-95. At present, Representative American Book Company. Member Masonic Order, Knights Templar, and Sons of the American Revolution.

Dilatush, William Henry Planter
B. Sc. Agr. 1909
Dague, Arkansas

Born in Lebanon, Ohio, March 10, 1886. Attended the Ohio State University four years and was graduated in June 1909 with the degree, Bachelor of Science in Agriculture. With C. O. Judy, Tallula, Ill., stock farm, 1909. At present with Prince & Dilatush, planters, Dague, Arkansas. Member of Alpha Zeta.

Dillin, Ernest Stewart Clergyman
B. A. 1904 B. D. (Oberlin Theological Seminary) 1907
19 Jefferson Lane, Newark, Ohio

Born at Coshocton, Ohio, October 5, 1882. Attended the Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Bachelor of Arts; attended Oberlin Theological Seminary, 1904-07, and received the degree, Bachelor of Divinity in 1907. Pastor of West Newark C. U. Church, 1907-10. Since 1910, Pastor, North Newark C. U. Church, Newark, Ohio.

Dinsmore, Chester LeRoy Attorney
B. Ph. (Franklin College) 1902
LL. B. 1906
8-9 Wilcox Building, Akron, Ohio

Born in New Athens, Ohio, September 7, 1882. Married Madella Stevens, August 2, 1911. Attended Franklin College, 1899-02, and received the degree, Bachelor of Philosophy in 1902. Attended the Ohio State University and was graduated in June 1906 with the degree, Bachelor of Laws. Member Editorial Staff, The Laning Company, Norwalk, Ohio, July 1906 to January 1907; member Editorial Staff, The Edward Thompson Company, Northport, New York, February 1907 to August 1908; practicing law in Akron, Ohio, since August 1908.

Doan, Frank Carleton Professor
B. Ph. 1898 M. A. (Harvard University) 1900 Ph. D. (Harvard University) 1904
Meadville Theological School
Meadville, Pennsylvania

Born in Nelsonville, Ohio, February 13, 1877. Married Isabel Wilson, July 19, 1900. Attended Hiram College, 1892-95; attended the Ohio State University, 1895-98, and was graduated in June 1898, with the degree, Bachelor of Philosophy; attended Harvard University and received the degree, Master of Arts, in 1900, and the degree, Doctor of Philosophy, in 1904. Professor of Psychology and Education, Ohio University, Athens, Ohio, 1900-04. Since 1904, Professor of Systematic Theology and the Philosophy of Religion, Meadville Theological School, Meadville, Pennsylvania. Author of "Religion and the Modern Mind," 1909 (Sherman French & Company, Boston), and occasional articles and reviews. Member of Phi Beta Kappa and Sigma Alpha Epsilon, American Psychological Association, American Philosophical Association, Member and Fellow, American Association for the Advancement of Science, Associate Member of Society for Psychical Research (English), Associate Member of American Society for Psychical Research, International Congress for the History of Religions, Internationaler Kongress fur Philosophie, International Council of Unitarian and Other Liberal Thinkers and Workers, Religious Education Association. House address, 519 Chestnut Street, Meadville, Pa.

Dock, Howard Manufacturer, Soap
B. Sc. in Chem. Engr. 1911
William Dock & Co., Cincinnati, Ohio

Born in Cincinnati, Ohio, November 12, 1889. Attended the Ohio State University,

1907-11, and was graduated in June 1911 with the degree, Bachelor of Science in Chemical Engineering. With Wm. Dock & Company, soap manufacturers, Cincinnati, Ohio, since graduation. Member of Delta Upsilon and Sigma Xi. House address, 540 Terrace Avenue, Cincinnati, Ohio.

Dock, Norton Veterinarian
D. V. M. 1903
540 Terrace Avenue, Cincinnati, Ohio

Born in Bischweiler, Alsace, Europe, April 22, 1883. Attended the Ohio State University, 1899-03, one year in College of Agriculture and three years in College of Veterinary Medicine, and was graduated in June 1903 with the degree, Doctor of Veterinary Medicine. Dairy Inspector, City of Columbus, Ohio, 1903-05; Professor of Materia Medica, Cincinnati Veterinary College, 1908-10; Professor of Zootechnics, Cincinnati Veterinary College, 1910-11. At present Veterinary Practitioner. Member of Masonic Order. Honorary member of Alpha Psi.

Dock, Oliver Michael Attorney
LL. B. 1908
806 Provident Bank Building, Cincinnati, Ohio

Born in Cincinnati, Ohio, December 14, 1886. Attended the Ohio State University, 1904-08, one year in College of Arts and three years in College of Law, graduating in June 1908 with the degree, Bachelor of Laws. At present practicing Law, Cincinnati, Ohio.

Doneghue, Ray Claude Professor
B. Sc. Agr 1906 M. Sc Agr. (University of Missouri) 1908
North Dakota Agricultural College, Fargo, North Dakota

Born in Columbia, Ohio, February 19, 1883. Married Mayble Miller, June 4, 1908. Attended the Ohio State University, 1901-06, one year preparatory, and was graduated in June 1906 with the degree, Bachelor of Science in Agriculture; attended University of Missouri two years, and received the degree, Master of Science in Agriculture in 1908. Assistant in Soil Survey, Illinois Agricultural Experiment Station, June to December 1906; Assistant in Agronomy, University of Missouri, December 1906 to September 1908; Assistant Professor of Agronomy, North Dakota Agricultural College and Experiment Station, September 1908 to July 1911. Since 1911 Professor of Agronomy, North Dakota Agricultural College and Experiment Station. Member of Farm Managers Association, American Breeders' Association and Alpha Zeta.

Doney, Carl Gregg College President
B. Sc. 1891 LL. B. 1893
M. A. (Ohio Wesleyan University) West Virginia Wesleyan College 1899 Ph. D. 1902
Buckhannon, West Virginia

Born near Columbus, Ohio, July 24, 1867. Married Jennie Anna Evans, September 6, 1893. Attended the Ohio State University 1885-91, 1892-93, 1899-02, receiving the degrees, Bachelor of Science in June 1891, Bachelor of Laws in June 1893 and Doctor of Philosophy in June 1902. Attended Harvard University, 1891-92; attended Ohio Wesleyan University, 1898-99, and received the degree, Master of Arts, from Ohio Wesleyan University in June 1899. Pastor, Bainbridge, Ohio, 1893-95; Centenary M. E. Church, Granville, Ohio, 1895-98; St. Paul's M. E. Church, Delaware, Ohio, 1898-00; King Avenue M. E. Church, Columbus, Ohio, 1900-05; Hamline M. E. Church, Washington, D. C., 1905-07. Since 1907, President, West Virginia Wesleyan College, Buckhannon, West Virginia. Author of "The Throne Room of the Soul," 1905; "The Efficient Church," 1907, and articles in Preacher's Magazine, Methodist Review, American Magazine, and many religious periodicals. President, District of Columbia Anti-Saloon League; Director of West Virginia State Young Men's Christian Association. Member of Masonic Order, 32d Degree, member of the College Presidents'

Association, Beta Theta Pi, Phi Delta Phi, and Phi Beta Kappa. Delegate to the General Conference of the M. E. Church in 1912.

Donley, Ford Sales Manager
B. Sc. Ind. Arts 1909
The Donley Brothers Company
Cleveland, Ohio

Born at Cleveland, Ohio, September 30, 1883. Married June 15, 1910. Attended the Ohio State University, 1903-04, 1905-09, and was graduated in June 1909 with the degree, Bachelor of Science in Industrial Arts. Shop Foreman, 1909-10; Consulting Engineer in Pyometric Laboratory of the Metal Lath Manufacturing Association. At present Sales Manager, The Donley Brothers Company, Cleveland, Ohio. Member of the Cleveland Engineering Society. House address, 9616 Miles Avenue, S. E. Cleveland, Ohio.

Donley, Russell Lee Attorney
LL. B. Honorary (West LaFayette College) 1903
Cody, Wyoming

Born at West Bedford, Ohio, November 16, 1876. Married Shirley R. Thompson, December 21, 1905. Attended the Ohio State University, 1898-00,, and received a Certificate in Law in June 1900. Probate Judge of Coshocton County, Ohio, two terms, 1903-09. At present Attorney-at-Law in partnership with W. L. Simpson, Cody, Wyoming. Member, Knights of Pythias, and Cody Club, Cody, Wyoming.

Dornbusch, Louise Marie Teacher
B. Sc. Dom. Sci. 1910
1221 K St., N. W. Washington, D. C.

Born at Dayton, Ohio, June 30, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Science in Domestic Science. Since 1911 Teacher of Domestic Science, Public Schools, Washington, D. C. Home address, 348 Richard Street, Dayton, Ohio.

Dorsey, Frank M. Chemist
B. Sc. Chem. Engr. 1908
1806 East 45th Street, Cleveland, Ohio

Born at Dresden, Ohio, January 22, 1878. Attended Ohio Normal University four months, 1900; attended Wooster University three and a half years; attended Ohio State University, 1905-06, 1907-08, and was graduated in June 1908 with the degree, Bachelor of Science in Chemical Engineering. Assistant Chemist, National Carbon Company, Cleveland, Ohio, 1905-06; Foreman, Plating Department, Champion Safety-Lock Company, Geneva, Ohio, 1906-07; Assistant Superintendent Richland Mazda Lamp Works, Shelby, Ohio, 1908-11. Since 1911 Assistant Director, Lamp Development Laboratory, Cleveland, Ohio. Member of American Chemical Society.

Dorsey, Walter Alfred Mechanical Engineer
M. E. 1904
The Bonney-Floyd Co., Columbus, Ohio

Born at Newark, Ohio, July 12, 1881. Married Mary M. Sifferd, September 11, 1907. Attended the Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Mechanical Engineer. Special Apprentice and Erecting Engineer, General Electric Company; Erecting Engineer, B. F. Sturtevant Company; Draftsman and Engineer, Freeborn Engineering & Construction Company. At present Mechanical Engineer, The Bonney-Floyd Company (steel castings), Columbus, Ohio. House address, 70 East Welch Avenue, Columbus, Ohio.

Doty, Oliver Perry, Jr. Mining Engineer
E. M. 1904
Spring Valley Iron Co., Palatka, Mich.

Born at Gervais, Ohio, July 21, 1877. Attended Ohio Wesleyan University, 1897-99; attended Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Engineer of Mines. Chemist with The Hanging Rock Iron Company, 1904-06; Chemist, Detroit Furnace Com-

pany, 1906-09. Since 1909, Superintendent, Spring Valley Iron Company, Palatka, Michigan. Member of Masonic Order, and Sigma Chi.

Douglas, Sholto M. Attorney
Waverly, Ohio

Born in Waverly, Ohio, October 26, 1886. Attended the Ohio State University, 1904-07, and received a Certificate in Law in June 1907. At present, Prosecuting Attorney Pike County, Ohio. Member of Delta Chi.

Dowd, Charles Fuller Advertising
B. Ph. 1900
1028 Virginia Street, Toledo, Ohio

Born at Troy, Ohio, August 13, 1879. Married Helen Irvine, November 24, 1910. Attended the Ohio State University, 1896-00, and was graduated in June 1900 with the degree, Bachelor of Philosophy. At present Advertising Writer, Toledo, Ohio. Member of Toledo Commerce Club, and Phi Delta Theta.

Downing, Ralph Hooper Civil Engineer
B. Ped. (Lima College) 1901
C. E. 1909
Erection Department, The Jeffrey Mfg. Co., Columbus, Ohio

Born December 20, 1882. Attended Lima College and received the degree, Bachelor of Pedagogy in 1901; attended Ohio State University, 1902-04, 1906-07, 1908-09, and was graduated in June 1909 with the degree, Civil Engineer. Rodman on railroad work, 1901-02; Transitman, 1904-06; Structural Draftsman, 1907-08. Since 1909, Erector with The Jeffrey Manufacturing Company, Columbus, Ohio.

Downs, Edith Teacher
Ph. B. (Scio College) 1908 B. A. 1910
Dennison, Ohio

Born in Tappan, Ohio, July 30, 1890. Attended Scio College, 1905-08, and was graduated in June 1908 with the degree, Bachelor of Philosophy. Attended the Ohio State University, 1909-10, and was graduated in June 1910 with the degree, Bachelor of Arts. Instructor in German, Scio College and Scio Academy High School, 1910-11; Instructor in German, Scio College Summer School, 1911. At present, Assistant in Dennison High School, Dennison, Ohio. Home address, Scio, Ohio.

Drackett, Harry Rogers Chemist
B. Sc. Chem. 1907
Canadian Explosives Works, Vaudreuil Station, Quebec, Canada

Born at Cleveland, Ohio, January 17, 1885. Married Stella Moorman, September 17, 1908. Attended University of Cincinnati; attended Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Bachelor of Science in Chemistry. With Proctor & Gamble Company, Cincinnati, Ohio; Assistant Superintendent and Superintendent, Standard Explosives, Ltd.; at present, Superintendent of works, Canadian Explosives, Ltd., Vaudreuil Station, Quebec, Canada. Member of American Chemical Society, Society of Chemical Industry, Sigma Chi and Theta Nu Epsilon.

Drackett, Philip Wilbur, Jr. Chemist
62 The Pickering Building
Cincinnati, Ohio

Born in Cleveland, Ohio, February 25, 1888. Attended the Ohio State University, 1905-08. Foreman, American Can Company, Hamilton, Ohio, March 8, 1909 to March 4, 1911; Salesman, American Can Company, Chicago, Ill., March 4, 1909 to October 1, 1911; at present with P. W. Drackett & Son, Cincinnati, Ohio, manufacturers of industrial chemicals. Member of Sigma Chi.

Drennen, Jefferson Nichol Physician
M. D. (University of Wooster) 1890
Loydsville, Belmont County, Ohio

Born near Morristown, Belmont County, Ohio, February 8, 1863. Married Louise Lentz Griffith, March 16, 1898. Attended the Ohio State University, preparatory 1884-86, collegiate 1886-87; attended

Starling Medical College, Columbus, Ohio, 1888-89; attended University of Wooster, medical department, (now medical department, Western Reserve University) 1890, and received the degree, Doctor of Medicine in 1890. Physician to The Belmont County Infirmary since 1893, except years 1896, 1897; at present, Practicing Physician, Loydsville, Belmont County, Ohio. Member of American Medical Association, Ohio State Medical Association, and the Belmont Medical Society.

Dresbach, Melvin Professor
B. Sc. 1897 M. Sc. 1900 M. D. (Ohio Medical University) 1903
Cornell Medical College, Ithaca, N. Y.

Born in Hallsville, Ohio, July 8, 1874. Married Sylvia Reedy in 1899. Attended the Ohio State University, 1892-97, receiving the degrees, Bachelor of Science in June 1897, and Master of Science in June 1900. Was graduated from Ohio Medical University in 1903 with the degree, Doctor of Medicine. Attended University of Wurzburg, second semester, 1904, and the University of Leiden, first semester, 1911. Assistant in Physiology, Ohio State University, 1897-03; Instructor in Physiology, ibid. 1903-05; Instructor in Physiology, Ohio Medical University, 1900-04; Instructor in Physiology, Cornell University, 1905-09; Assistant Professor, Pharmacology, Cornell University, 1909-10; at present, Assistant Professor, Physiology, Cornell Medical College. Among his published articles are, "The Toxicity of Normal Human Urine, Anomalous Human Erythrocytes, Observations on the Blood Pressure of the Sheep," 1910; "Two New Forms of Cut-out Keys," 1910; "An Instance of Pancreatic Bladder in the Cat," 1911; "The Physiological Action of Phenolphthalein Oxime," 1911; "The Examination of the Eyes of College Students," 1912; "An Interesting Case of Cardiac Extra Systoles," 1912. Member of Sigma Xi and Nu Sigma Nu.

Dressler, Harvey Jacob Civil Engineer
C. E. 1909
27 Bradford Street, Dayton, Ohio

Born in Dayton, Ohio, in 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Civil Engineer. Resident Engineer, Hall-Cronan Company, structural concrete; at present, Assistant City Civil Engineer, Dayton, Ohio.

Dugan, Edna Loretta Teacher
B. A. 1906
314 North Street, Steubenville, Ohio

Born at Wellsville, Ohio. Attended the Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Bachelor of Arts. Assistant Principal, High School, Lisbon, Ohio, 1907-08; Teacher of Latin and German, High School, Steubenville, Ohio, 1909-11; at present, Teacher of Latin, High School, Steubenville, Ohio.

Dun, Hattie Franklin
115 Woodland Ave., Columbus, Ohio

Born in Madison County, Ohio, June 10, 1859. Attended the Ohio State University, 1899-02, and received a Certificate in Domestic Science in June 1902. Taught Night School, three months in Domestic Science, at Godman Guild, Columbus, Ohio, during course at Ohio State University; Teacher of Domestic Science, Clifton School, Cincinnati, Ohio, 1902-03.

Duncan, Robert Phifer Attorney
B. A. (Princeton University) 1905
LL. B. 1908
Duncan & Duncan, Columbus, Ohio

Born in Columbus, Ohio, August 29, 1883. Attended Princeton University four years, and received the degree, Bachelor of Arts, in 1905; attended Ohio State University, 1905-08, and was graduated in June 1908 with the degree, Bachelor of Laws. With Duncan & Duncan, Attorneys-at-Law, Columbus, Ohio, since graduation. Member of Beta Theta Pi and Phi Delta Phi. House address, 98 Hamilton Avenue, Columbus, Ohio.

Dunlap, Philip M., Jr.
Farmer and Stock Raiser
Chillicothe, Ohio

Born at Chillicothe, Ohio, November 9, 1886. Attended the Ohio State University, 1906-08, in the College of Agriculture. At present Farmer and Stock Raiser, Chillicothe, Ohio. Township Treasurer. Member of Alpha Zeta.

Dunlap, Renick W. Farmer
B. Sc. Agr. 1895
Kingston, Pickaway County, Ohio

Born at Kingston, Ohio, October 21, 1872. Married Maxine Cummins, June 9, 1897. Attended the Ohio State University, 1890-95, and was graduated in June 1895 with the degree, Bachelor of Science in Agriculture. Engaged in Farming at the present time. Has written various articles on Agriculture. State Senator for two years; State Dairy and Food Commissioner for four years. At present Candidate for Congress in Seventh Congressional District. Member of Grange, Knights Templar and of Kappa Sigma.

Dunnick, Edward Mercantile Business, Cork
C. E. 1897
1202 Candlee Building, Atlanta, Ga.

Born in Columbus, Ohio, November 11, 1876. Attended the Ohio State University, 1892-97, and was graduated in June 1897 with the degree, Civil Engineer. At present Southern Manager, Armstrong Cork Company, of Pittsburgh, Pa. 32d Degree Mason, and member of Mystic Shrine.

Durkee, Ralph Henry Teacher
Conneaut, Ohio

Born in Conneaut, Ohio, October 8, 1888. Attended the Ohio State University, 1908-10, in the Engineering College. He is at present Principal of North Conneaut Schools, Conneaut, Ohio.

Durrant, Edwin Poe Professor
B. A. 1904 and M. A. (Otterbein University) 1906 M. A. 1908
Ohio State University, Columbus, Ohio

Born at Berlin Cross Roads, Ohio, in 1865. Married Anna Brown, September 12, 1889. Attended Ohio Wesleyan University, 1882-85; attended Otterbein University, 1902-04, and was graduated in 1904 with the degree, Bachelor of Arts, and in 1906 with the degree, Master of Arts; attended Ohio State University, 1904-06 and 1907-08, and received the degree, Master of Arts in June 1908. Public School Teacher and Superintendent, 1885-02; Instructor in Biology and Geology, Otterbein University, 1904-05; Professor of Biology and Geology, Otterbein University, 1905-09. Since 1909 Assistant Professor Anatomy and Physiology, Ohio State University. Member of Village Council and Board of Education, Westerville, Ohio. Member of National Geographic Society, Ohio Academy of Science, Entomological Society of America, American Association for Advancement of Science. Home address, Westerville, Ohio.

Duvel, Joseph William Tell
B. Sc. 1897 D. Sc (University of Michigan) 1902
Crop Technologist
Bureau of Plant Industry, U. S. Dept. of Agriculture, Washington, D. C.

Born at Wapakoneta, Ohio, November 16, 1873. Married Elva Smith, May 11, 1904. Attended Ohio Normal University, 1889-90; attended Ohio State University, 1892-97, one year preparatory, and received the degree, Bachelor of Science in June 1897; attended University of Michigan, 1899-02, as graduate student, and received the degree, Doctor of Science in 1902. Assistant Botanist, Ohio Agricultural Experiment Station, Wooster, Ohio, 1898-99; Holder of Dexter M. Ferry Fellowship in Botany, University of Michigan, 1899-02; since September 1902 with Bureau of Plant Industry, U. S. Department of Agriculture. At present Crop Technologist, in charge of Grain Standardization Investigations. Among his published articles are, "The Vitality and Germination of Seeds," 1904; "The Vitality of Buried Seeds," 1904; "Garlicky Wheat,"

1905; "The Storage and Germination of Wild Rice," 1905 "The Germination of Seed Corn," 1906; "The Adulteration of Seed," 1906; "A Quick Method for the Determination of Moisure in Grain," 1907; "Why Our Farmers Should Demand High-grade Seed," 1908; "The Deterioration of Corn in Storage," 1909; "Moisture Content and Shrinkage in Grain," 1909; "A Moisture Tester for Grain and Other Substances and How to Use It," 1910; "The Shrinkage of Corn in Storage," 1911; "The Use and Advantages of the Moisture Test in Handling Corn," 1911. Fellow, American Association for Advancement of Science, member Association International des Botanistes; Botanical Society of Washington, Biological Society of Washington, and Kappa Sigma. He developed and patented "Brown-Duvel Moisture Tester," now used very extensively by the grain trade throughout the United States, Europe, South America and Australia.

Dwyer, Horace Earl Farmer
R. F. D. No. 4, Greenfield, Ohio

Born at Greenfield, Ohio, in 1879. Attended the Ohio State University, 1900-01, in the College of Agriculture. At the end of the last term went West to central Kansas with another student and followed the harvests North through Nebraska, South Dakota and to central North Dakota, where he spent four years, harvesting, teaching school, and ranching. At present, Farming near Greenfield, Ohio.

Dyche, Howard Edward
M. E. in E. E. 1906
Electrical Engineer and Professor of Mathematics
University of Pittsburgh
Pittsburgh, Pennsylvania

Born at Spring Valley, Ohio, January 19, 1884. Married Edith Guy, February 2, 1910. Attended the Ohio State University, 1901-06, and was graduated in June 1906 with the degree, Mechanical Engineer in Electrical Engineering. Engineering Department, Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., July 1906 to October 1910; President Pennsylvania Automobile Company, Pittsburgh, Pa., October 1910 to September 1911. Since 1911, President, General Sales Corporation, Pittsburgh, Pa., and Instructor in Mathematics, University of Pittsburgh. He has published a book, "Electric Locomotives"— an instruction book for the International Correspondence Schools, Scranton, Pa., 1909. Member of Masonic Order, 32d Degree, Odd Fellows, American Institute of Electrical Engineers, and of Sigma Xi.

Dye, Clair Albert Professor
G. Ph. 1891 Ph. D. (Berne University) 1901
Ohio State University, Columbus, Ohio

Born in Roscoe, Ohio, June 1869. Married Oleta Sinclair, June 30, 1903. Attended the Ohio State University four years and was graduated in June 1891, with the degree, Graduate in Pharmacy; attended the University of Berne, Switzerland, two and one-half years and was graduated in 1901, with the degree, Doctor of Philosophy. Assistant in Chemistry and Pharmacy, Ohio State University, 1890-94; Assistant in Pharmacy, ibid., 1894-98; Assistant Professor of Pharmacy, ibid., 1898-06; Associate Professor of Pharmacy, ibid., 1906-09. Since 1909 Professor of Pharmacy, ibid., and Secretary of College of Pharmacy. Member of American Pharmaceutical Association and of Sigma Xi and Phi Delta Chi. Member Committee Unofficial Standards, American Pharmaceutical Association, 1909-11; Athletic Board, 1893-95; Treasurer Athletic Association, 1905-08.

Eagleson, Freeman Thomas Attorney
201-206 Central National Bank Bldg.,
Cambridge, Ohio

Born at Washington, Ohio, October 4, 1876. Attended Muskingum College, 1900-02; attended Ohio State University one year and one term, 1903-04, and Fall Term 1904. Speaker Pro Tem. Ohio House of

Representatives, 1906; Speaker, Ohio House of Representatives, 1908; First Special Counsel to Attorney General of Ohio, 1909-10. At present Practicing Attorney, Sheppard & Eagleson, 201-206 Central National Bank Building, Cambridge, Ohio. Member of House of Representatives, Ohio Legislature, 1904-08. Member of Masonic Order, Knights Templar, Shriners, and of Delta Chi.

Eagleson, Grace
B. Ph. 1897
84 N. Ohio Avenue, Columbus, Ohio

Born at Fredericktown, Ohio. Attended Granville Female College 1891-92; attended Wooster University September 1892 to January 1893; attended Ohio State University, January 1893 to June 1897, and was graduated in June 1897 with the degree, Bachelor of Philosophy. Grand Vice-President of Kappa Alpha Theta and member of the Grand Council, 1902-05. Member of College Women's Club of Columbus and Kappa Alpha Theta.

Eagleson, John Hervey Attorney
B. A. 1900 LL. B. 1904
16 East Broad Street, Columbus, Ohio

Born in Mt. Gilead, Ohio, November 29, 1879. Attended the Ohio State University, 1896-00 and 1901-04, and was graduated in June 1900 with the degree, Bachelor of Arts, and in June 1904 with the degree, Bachelor of Laws. At present Attorney-at-Law, Eagleson & Eagleson, Columbus, Ohio. Member of Phi Gamma Delta, Phi Delta Phi and Theta Nu Epsilon. Home address, 84 North Ohio Avenue, Columbus, Ohio.

Eagleson, Joseph Pentecost Attorney
B. A. 1900 LL. B. 1903
16 East Broad Street, Columbus, Ohio

Born in Mt. Gilead, Ohio, May 12, 1877. Attended the Ohio State University, 1896-03, receiving the degrees, Bachelor of Arts in June 1900, and Bachelor of Laws in June 1903. At present, Attorney-at-Law, Eagleson & Eagleson, Columbus, Ohio. Member of Columbus Chamber of Commerce, Phi Gamma Delta and Phi Delta Phi. Home address, 84 North Ohio Avenue, Columbus, Ohio.

Earl, Grace Tourjee
B. A. 1908
200 North Washington Avenue
Columbus, Ohio

Born in Columbus, Ohio, April 14, 1886. Attended the Ohio State University, 1903-08, specializing in Botany, with the idea of teaching. She was graduated in June 1908 with the degree, Bachelor of Arts.

Earle, William. Pitman, Jr.
Cer. Engr. 1908 Broker, Crude Rubber
Earle Bros., 68 Broad Street, New York City

Born at Brooklyn, New York, August 5, 1882. Attended the Ohio State University, 1904-08, and was graduated in June 1908 with the degree, Ceramic Engineer. Engineer with Harlem Contracting Company, New York, October 1908 to April 1909. Since April 1909, with Earle Bros., Crude Rubber Brokers (established 1877) and at present partner in the firm. Member of Ohio State Alumni Association of New York, Delta Tau Delta Club of New York, New York Canoe Club, Delta Tau Delta and Gamma Phi.

Early, Frank E. Surveyor
D. V. M. 1893
7333 Myrtle Avenue, Maplewood, Mo.

Born in Montgomery County, Ohio, December 27, 1871. Married Lucy J. Riley, November 21, 1900. Attended the Ohio State University, 1890-93, and was graduated in June 1893 with the degree, Doctor of Veterinary Medicine. Practiced Veterinary Medicine until 1896, then accepted a position with Mississippi River Commission on River Improvement work. At present Surveyor for Mississippi River Commission. Member of Royal Arcanum.

Eastman, LeRoy E. Attorney
B. L. (Berea College) 1908
Ottawa, Ohio

Born at Ottawa, Ohio, June 23, 1888. Attended Berea College, Berea, Kentucky, 1905-08, and received the degree, Bachelor of Literature in 1908; attended Yale University, 1908-09; attended Ohio State University, 1909-10. Admitted to the Bar of Ohio, June 28, 1910. Since July, 1910, Junior Member of firm of Eastman & Eastman, Attorneys-at-Law, Ottawa, Ohio. Since January 1, 1911, Secretary of The Ottawa Home & Savings Association. Captain, Second Regiment Infantry, Ohio National Guards, Commanding Company "M"; member of Beta Theta Pi and Phi Alpha Delta.

Ebinger, David Hugo Mechanical Engineer
M. E. 1910
D. A. Ebinger Sanitary Mfg. Co.
Columbus, Ohio

Born at Columbus, Ohio, July 10, 1889. Married Esther Herr, November 30, 1910. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Mechanical Engineer. At present Superintendent and Secretary, The D. A. Ebinger Sanitary Manufacturing Company, Columbus, Ohio. Member of American Society of Ceramic Engineers. Carried on investigation on the Sand-blast, the results of which were briefly summarized by Professor W. T. Magruder and published for the American Society of Mechanical Engineers. House address, 50 North Terrace Avenue, Columbus, Ohio.

Ebright, Melville Clark Farmer, Stockman
Shreve, Ohio

Born at Shreve, Ohio, August 5, 1885. Married Vera Sidle, December 25, 1909. Attended the Ohio Northern University 1904 and 1905; attended Ohio State University, 1907-09, as a special student in Agriculture. Instructor in Maple Grove School, 1910-11. At present Stockman-Farmer, Pure bred Berkshire hogs a specialty, at Shreve, Ohio. Member of Delta Theta Sigma.

Eby, Earl E. Electrical Engineer
M. E. in E. E. 1911
625 Lexington Avenue, Dayton, Ohio

Born at Dayton, Ohio, February 19, 1886. Married Besse Hull, August 2, 1911. Attended the Ohio State University, 1905-06, 1908-11, and was graduated in June 1911 with the degree, Mechanical Engineer in Electrical Engineering. Assistant Engineer, Ohio Sterling Company, Dayton, Ohio. At present Instructor in High School, Dayton, Ohio. Member of Eta Kappa Nu.

Echols, Corinne
(See Corinne Echols Johnson)

Eckelberry, John Walter Student
B .A. 1908
Harvard University, Cambridge, Mass.

Born in Zaleski, Ohio, September 23, 1886. Attended the Ohio Wesleyan University, 1904-06; attended Ohio State University, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Arts. At present Student in Harvard University Law School. Instructor in History and Civil Government, also Director of Athletics, Michigan High School, Ishpeming, Michigan, 1908-09; Superintendent of Schools, Marble, Minnesota, 1909-10. Member of Delta Tau Delta.

Eckman, Emil Clarence
B. Sc. Agr. 1909
Scientist U. S. Department Agriculture.
Bureau of Soils, Washington, D. C.

Born in Cincinnati, Ohio, August 31, 1882. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Bachelor of Science in Agriculture. Since November 1, 1909, scientist in Soil Survey, Bureau of Soils, Washington, D. C.

Eckman, Otto Leo Professor
B. Sc. Agr. 1904
New Hampshire College, Durham,
New Hampshire

Born in Cincinnati, Ohio, August 14, 1880. Married Bertha Slack, June 13,

1905. Attended the Ohio State University, 1900-04, and was graduated in June 1904 with the degree, Bachelor of Science in Agriculture. With U. S. Bureau of Soils, Washington, D. C., 1904-08; Superintendent Dairy Department, Hartman Stock Farm, Columbus, Ohio, 1908-10. At present Associate Professor of Animal Husbandry, New Hampshire College. Member of the American Breeders' Association.

Edgerly, Raymond J. City Engineer
Albany, Georgia

Born at Sherman, Texas, November 9, 1881. Attended the Ohio State University, 1899-02, in the College of Engineering. With the U. S. Geological Survey, 1902-04; engaged in Municipal Improvements, in Mississippi, Alabama and Georgia, 1905. Since 1905, City Engineer, Albany, Georgia.

Edgerton, Lloyd B. Mechanical Engineer
M. E. 1909
The General Electric Company
Schenectady, New York

Born at Barnesville, Ohio, June 6, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Mechanical Engineer. At present in the Experimental Turbine Department of General Electric Company, Schenectady, New York. Street address, 26 Division Street, Schnectady, N. Y.

Edmonds, Mary E. Teacher
B. Sc. Dom. Sci. 1910
233 West Eleventh Avenue
Columbus, Ohio

Born at Oberlin, Ohio, March 21, 1889. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Science in Domestic Science. Since 1910 Instructor in Domestic Science, Extension Department, Ohio State University. Member of Sigma Xi.

Elden, Martha Guerin
(Mrs. Wallace S. Elden)
B. Ph. 1896
1734 Summit Street, Columbus, Ohio

Born in Sandusky, Ohio, September 24, 1871. Married Wallace S. Elden, June 17, 1903. Attended Granville Female Seminary; attended Ohio Wesleyan University; attended Ohio State University, preparatory 1887-89, College of Arts, 1893-96, and was graduated in June 1896 with the degree, Bachelor of Philosophy.

Elder, Walter Newell Farmer
Selma, Ohio

Born February 8, 1880. Attended the Ohio State University in the College of Arts, Fall and Winter 1901-02; attended College of Law, 1902-04, 1905-06. At present Farming at Selma, Ohio. Member of Alpha Tau Omega.

Elliott, Emmet Foster Draftsman
Hohnboe & Lafferty
Clarksburg, West Virginia

Born at Chesterhill, Ohio, January 26, 1880. Married Eleanor Young, January 1, 1907. Attended the Ohio State University, 1898-01, in the College of Engineering. Architectural Draftsman ten years; at present, Chief Draftsman for Hohnboe & Lafferty, architects, Clarksburg, W. Va.

Ellis, Charles Veterinarian
D. V. M. 1889
4159 Laclede Avenue, St. Louis, Mo.

Born at Springboro, Ohio, November 3, 1866. Married Minnie Weber, January 29, 1896. Attended the Ohio State University, 1886-89, and was graduated in June 1889 with the degree, Doctor of Veterinary Medicine; attended Royal Veterinary Schools of Berlin, Hanover and Dresden, Germany, 1889-91. Professor of Veterinary Science, Virginia Agricultural and Mechanical College, 1891-92; Veterinarian, St. Louis Board of Health, 1896-03. At present Practicing Veterinary Medicine in St. Louis, Mo.

Elser, Ruby Louese Pitkin
(Mrs. W. L. Elser)
B. Sc. Dom. Sci. 1911
Wooster, Ohio

Born at Chardon, Ohio, August 22, 1885. Married W. L. Elser, June 6, 1911. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Bachelor of Science in Domestic Science.

Elser, Wilbur Lester Agricultural
B. Sc. Agr. 1909 Experiment Work
Ohio Agricultural Experiment Station,
Wooster, Ohio

Born in Crawford County, Ohio, July 17, 1886. Married Ruby Louese Pitkin, June 6, 1911. Attended the Ohio State University, 1904-05, 1906-09, and was graduated in June 1909 with the degree, Bachelor of Science in Agriculture. At present Assistant in Department of Cooperation, Ohio Agricultural Experiment Station, Wooster, Ohio.

Ely, Nellie
(See Nellie Ely King)

Emory, Charles M. Mercantile
Stockdale, Ohio

Born in Ohio, July 27, 1880. Married Maude Cockrell, October 19, 1902. Attended Ohio University three years; attended Ohio State University, 1900-02, in the College of Law. Merchant at Stockdale, Ohio, at the present time. Mayor of Stockdale, Ohio. Member of Delta Tau Delta and Delta Chi.

Emrick, Ambrose Alfra Professor
M. E. 1911
Ohio State University, Columbus, Ohio

Born at Germantown, Ohio, January 21, 1885. Attended the Ohio State University, 1905-11, and was graduated in June 1911 with the degree Mechanical Engineer. Assistant Instructor, Foundry Department Industrial Arts, Ohio State University, 1911-12.

Englebeck, Amos Harmon Attorney
703 Second National Building
Akron, Ohio

Born at Port Clinton, Ohio, November 30, 1885. Attended the Ohio State University, 1904-08, and received a Certificate in Law in June 1908. In general practice of law and insolvency work, with firm of Wilcox, Parsons, Burch & Adams, Akron, Ohio.

Enlow, Charles Bates Banker
Cashier, City National Bank
Evansville, Indiana

Born at Bridgeport, Ohio, March 23, 1879. Married Anne Lee Cooke, April 15, 1903. Attended the Ohio State University, 1896-99. Chemist, Carnegie Steel Company, 1900-01; Bank Teller, Bridgeport National Bank, Bridgeport, Ohio, 1902-04; Cashier, Citizens' National Bank, New Lexington, Ohio, 1904-09. Since 1909 Cashier, City National Bank, Evansville, Indiana. Member of Masonic Order, Odd Fellows, and Beta Theta Pi. House address, 1104 Upper First Street, Evansville, Ind.

Erf, Oscar Professor
B. Sc. Agr. 1899
Ohio State University, Columbus, Ohio

Born in Monroeville, Ohio, December 17, 1874. Married June 28, 1905. Attended the Ohio State University, 1894-99, and was graduated in June 1899 with the degree, Bachelor of Science in Agriculture. Manager, Star Creamery Company, Monroeville, Ohio, and Straight Dairy Company, Cleveland, Ohio, 1898-99; Instructor in Dairying, Dairy Department, University of Illinois, Urbana, Ill., 1899-03; Superintendent of Dairying, Louisiana Purchase Exposition, at St. Louis, Mo., 1903-04; Professor of Animal Husbandry and Dairying, Kansas State Agricultural College, Manhattan, Kansas, 1904-08. Since 1908 Professor of Dairying, Ohio State University, Columbus, Ohio. He has published two text-books, "Dairy Arithmetic," 1906, and "Dairy Fundamentals," 1911. Member

National Dairy Association, National Dairy Union, Association of Official Dairy Instructors, National Buttermakers' Association, National Ice Cream Makers' Association, the Grange, Sigma Xi and Alpha Zeta. Secretary of Ohio State Dairyman's Association.

Ernsberger, Iva Professor
B. A. 1907 M. A. (University of Nebraska) 1911
Greenville College, Greenville, Illinois

Born in Olena, Ohio, September 22, 1883. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts; attended University of Nebraska, 1909-11, and was graduated in 1911, with the degree, Master of Arts; attended Chicago University, Summer Sessions of 1908 and 1911. Teacher of Mathematics, Meridian Woman's College, Mississippi, 1907-09; Teaching Fellow, University of Nebraska, 1909-11. At present Head of the Department of Mathematics, Greenville College, Greenville, Illinois. Member of Sigma Xi.

Erwin, Joseph Carter Attorney
1023 Columbus Savings & Trust Bldg., Columbus, Ohio

Born in Perry County, Ohio, in 1876. Attended the Ohio State University, 1906-09, and received a Certificate in Law in June 1909. Teacher in county and village schools in Belmont County, prior to 1906. Since 1910 Practicing Law, Columbus, Ohio. House address, 80 East Frambes Avenue, Columbus, Ohio.

Espy, Frank Electrical Engineer
9½ Monroe Street, Tiffin, Ohio

Born in Kenton, Ohio, October 25, 1878. Married Minnie K. Hasson June 23, 1910. Attended the Ohio State University, 1897-00. Electrician, Kenton Gas & Electric Company, Kenton, Ohio, July 1900 to December 1904; Manager, Consolidated Gas & Light Company, Tiffin, Ohio, December 1904 to September 1909; Manager, Citizens' Light, Heat & Power Company, Altoona, Pa., September 1909 to January 1910; Manager, The Tiffin Electric Company, Tiffin, Ohio, January 1910 to June 1911. Since June 1911, Manager, The Ohio Light & Power Company, Tiffin, Ohio. Member of Kenton Commandary, Knights Templar, and Tiffin Lodge, Elks.

Evans, Arthur Wiley Mine Operator
Harriman, Tennessee

Born at Rockwood, Tennessee, July 2, 1870. Married Emily Gertrude Renfroe, June 19, 1892. Attended Normal Institute, Trenton, Georgia, three years; attended High School, Dalton, Georgia, one year; attended Ohio State University, 1890-91. Mining Engineer, Georgia Mining, Manufacturing & Investment Company, Cole City, Ga., 1893-95; Mining Engineer, Tennessee State Coal Mine, Petros, Tenn., 1895-97; Mining Engineer and Superintendent, New Soddy Coal Company, Soddy, Tenn., 1897-99; Superintendent, Durham Coal & Coke Co., Durham, Ga., 1899-01; Superintendent, Brushy Mt. Coal Mine (State Tenn.), Petros, Tenn., 1901-03; General Manager, Lookout Fuel Company, Chattanooga, Tenn., 1903-07; District Mine Inspector, Nashville, Tenn., 1907-09. Since 1909 General Superintendent, Brushy Mountain Coal Mines, Petros, Tenn. Among his publications are, "Coal Fields of Tennessee," The Tradesman, Chattanooga, Tenn.; "Gas Alone as a Motive Power in Mining," The Tradesman, Chattanooga, Tenn.; "Description of a Unique Incline," Mines and Minerals; "Electric Haulage, Brushy Mountain Mine," Mines and Minerals; "Incline Construction," Mines and Minerals; "Beauxite Mining in Georgia," Mines and Minerals. Member of Sigma Nu. Appointed by Governor Bale Taylor of Tennessee to represent the State at Mining Congress held at Salt Lake City, first meeting. Appointed Superintendent at Brushy Mt. Mine three different times.

Evans, Ernest Chemist
B. Sc. 1892
Andrews & Hitchcock Iron Company
Hubbard, Ohio

Born at Friendship, Scioto County, Ohio, February 16, 1869. Married Elizabeth Linn, December 25, 1897. Attended the Ohio State University, 1886-92, two years preparatory, and was graduated in June 1892 with the degree, Bachelor of Science. Assistant Chemist, Furnace Superintendent, and at present Chief Chemist, Andrews & Hitchcock Iron Company, at Hubbard, Ohio. Member of City Council at Donora, Pennsylvania. Member of Masons and of Alpha Tau Omega. House address, 20 Falls Avenue, Youngstown, Ohio.

Evans, Peter Platter
C. E. 1892 Consulting Engineer, Civil
504 Osborn Building, Cleveland, Ohio

Born in Chillicothe, Ohio, May 27, 1870. Married Mary Harward, September 11, 1894. Attended the Ohio State University, 1888-92, and was graduated in June 1892 with the degree, Civil Engineer. At present Secretary of the Osborn Engineering Company. Member American Society of Civil Engineers, Chamber of Commerce, Cleveland, Ohio, Masons, Cleveland Engineering Society, Ohio Engineering Society and Beta Theta Pi.

Evans, Raymond Oscar Cartoonist
B. A. 1910
Dayton Daily News, Dayton, Ohio

Born at Columbus, Ohio, December 1, 1887. Married Helen Holter, October 11, 1911. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Arts. Advertising Artist with Columbus Dispatch, March 22, 1911, to January 8, 1912. At present Cartoonist, Dayton Daily News, Dayton, Ohio. Member of Sigma Pi.

Evans, Robert Welsh Chemist
B. A. 1910
Mead Pulp & Paper Company
Chillicothe, Ohio

Born at Chillicothe, Ohio, November 27, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Arts. Since June 1910 Chemist, with Mead Pulp & Paper Company, Chillicothe, Ohio. Member of Sigma Alpha Epsilon and Theta Nu Epsilon. House address, 171 Caldwell Street, Chillicothe, Ohio.

Everett, Emmit E. Justice of Peace, Attorney
LL. B. 1905
Metropolitan Block, Lima, Ohio

Born in Allen County, Ohio, May 21, 1876. Married Gracia Crum, August 26, 1900. Attended Lima College four years; attended Ohio State University, 1903-05, and was graduated in June 1905 with the degree, Bachelor of Laws. Taught School six years. Since December 1904 Practicing Attorney. Justice of the Peace, Lima, Ohio for past four years. Member of Modern Woodmen of America, Maccabees, Knights Templar and Elks.

Everett, Frank Clerk
B. A. 1910
1256 Neil Avenue, Columbus, Ohio

Born in Columbus, Ohio, November 29, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Bachelor of Arts. At present Clerk in Pennsylvania Railroad Commissary, Columbus, Ohio.

Ewing, Harry Eastman City Board of Health
D. V. M. 1909
45 West Eleventh Avenue
Columbus, Ohio

Born in Columbus, Ohio, February 17, 1885. Married Amy Downs Davis, September 17, 1907. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Doctor of Veterinary Medicine. Since July 1909 Food Inspector, City Board of Health. Member of Alpha Psi and Acacia.

Fackt, George Postel
E. M. in Cer. 1907
Vice-President and General Manager
Denver Terra Cotta Co., Central Savings Bank Bldg., Denver, Colorado

Born in Mascoutah, Illinois, December 22, 1884. Married Helen Calhoun Ragsdale, June 12, 1911. Attended Central Wesleyan College, Warrenton, Missouri, one year; attended the Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Engineer of Mines in Ceramics. Ceramic Chemist, St. Louis Terra Cotta Company, July 15, 1907 to October 10, 1911. Since October 1911, Vice-President and General Manager, The Denver Terra Cotta Company, Denver, Colorado. Associate Member American Ceramic Society; member of Engineers' Club of St. Louis, Mo., Missouri Athletic Club, the Masons, Royal Arch Masons, Knights Templar and Mystic Shrine.

Fankhauser, Elmer Oscar Draftsman
110 Wallace Avenue, New Castle, Pa.

Born in Monroe County, Switzer Township, Ohio, March 16, 1881. Attended the Ohio State University, 1903-05, in the short course in Industrial Arts. Was draftsman with the following companies: Westinghouse Electric Company, Pittsburgh, Pa., December 1905 to February 1906; Mesta Machine Company, Pittsburgh, Pa., February 1906 to July 1906; Pennsylvania Department of The National Tube Company, Pittsburgh, Pa., July 1906 to November 1906; Mackintosh-Hemphill Company, November 1906 to January 1907; Monongahela Furnace and Steel Works, McKeesport, Pa., January 1907 to January 1908; Youngstown Sheet and Tube Company, Youngstown, Ohio, January 1908 to April 1910. Since April 1910, Carnegie Steel Company, New Castle Works, New Castle, Pa.

Farquhar, Ivan Alexander Civil Engineer
C. E. 1906
State Highway Commission,
Watertown, New York

Born in Reynoldsville, Pennsylvania, March 23, 1882. Married Helen Taylor, June 15, 1909. Attended the Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Civil Engineer. Transitman on railway, mining and city surveys, Zanesville, Ohio, June 1906 to January 1907; Levelman, Pittsburg Bureau of Filtration, April 1907 to March 1908; Leveler, State Engineer's Department of New York Highway and Barge Canal Construction, March 1908 to July 1910. Since July 1910, Assistant Engineer, New York State Highway Commission.

Fassett, Earle Walker Surveyor
Ashtabula, Ohio

Born in Ashtabula, Ohio, December 29, 1884. Attended the Ohio State University, 1905-07. Topographical Draftsman and Computer, Offices of U. S. General Surveyor New Mexico and Utah, July 1907 to May 1910; Surveyor, U. S. Indian Allotment Service, Fort Peck Indian Reservation, Poplar, Montana, May 1910 to October 1911. At present, Surveyor, U. S. Indian Service. Member of Alpha Tau Omega.

Fassig, Oliver Lanard
B. Sc. 1882 Ph. D. (Johns Hopkins University) 1899
Climatologist, Meteorologist and Geographer
U. S. Weather Bureau, San Juan, Porto Rico

Born in Columbus, Ohio, April 5, 1860. Married Anne Green McCoy, September 14, 1898. Attended the Ohio State University, 1878-82, and was graduated in June 1882 with the degree, Bachelor of Science; attended Yale University, 1886-87; University of Berlin, Germany, 1896-97; Johns Hopkins University, 1897-99, and was graduated in 1899 with the degree, Doctor of Philosophy. With U. S.

Weather Buretau since 1882, and at present, Section Director. Associate in Meteorology, Johns Hopkins University, 1898-09; Meteorologist of the Maryland State Weather Service, 1900-09; Member of Bahama Islands Scientific Expedition in 1903; Member of the Ziegler Arctic Relief Party in 1905. Among his publications are, "A Bibliography of Meteorology," 4 Vols., 1889-91; "Report on the Chicago Exposition Congress of Meteorology," 1895; "Report on the Climate and Weather of Baltimore," 1907; "Report on the Climate and Weather of Porto Rico," published in part in 1911, entire report in 1912. Member International Commission for Scientific Aeronautics, Association of American Geographers, Fellow American Association for the Advancement of Science; member Royal Prussian Meteorological Society, and of Phi Beta Kappa, Phi Kappa Psi and Sigma Xi.

Faust, Benjamin W. Mining Engineer
E. M. 1909
Fenix, Coahuila, Mexico

Born in Canton, Ohio, October 15, 1885. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Engineer of Mines. Head Engineer, Cooks Coal Company, one year and six months; Chief Engineer, Rio Escondido and C. P. Diaz Mines, seven months. At present Mining Engineer, Fenix Coal Co.

Fawcett, William Charles
Civil Engineer, Construction
Martin's Ferry, Ohio

Born at Kilgore, Ohio, April 24, 1860. Married Emma C. Coleman, February 5, 1901. Attended Scio College two terms; attended Ohio State University, 1881-82, 1883-85, and Fall of 1886. Engineer in Construction department, A., T. & S. F. Ry. in Oklahoma, 1887; Engineer in Construction department W. & L. E. Ry., Ohio, 1888; Engineer on Location and Construction, West Virginia & Pittsburgh Ry., W. Va., April 1889 to October 1892; Chief Engineer, U. S. Coal Iron & Manufacturing Company, W. Va., 1893-94; Civil and Mine Engineering in Fairmont region, W. Va., 1895-98; Chief Engineer, Tennessee & North Carolina R. R. Co., Tennessee and North Carolina, 1899-01. Since January 1902, Engineer of Construction for Wheeling Traction and subsidiary companies, also Engineer for State Highway Department in Monroe, Belmont and Carroll counties. Member of Ohio Engineering Society and Chi Phi.

Faxon, Richard Horticulture Inspector
B. Sc. Agr. 1910
Montana State Board of Horticulture.
Home address, 509 Middle Avenue, Elyria, Ohio

Born in Elyria, Ohio, July 10, 1882. Attended Oberlin College three and a half years, 1901-05; attended Ohio State University two years and two terms, 1907-10, and was graduated in June 1910 with the degree, Bachelor of Science in Agriculture. Shipping Clerk, National Tube Company, Lorain, Ohio, 1905; Rodman, Girard Construction Company, Elyria, Ohio, 1906; Dairyman, Belle Vernon Mapes Dairy Company, Cleveland, Ohio, 1910. At present Inspector, Montana State Board of Horticulture. Member of Delta Theta Sigma.

Fay, Byron Ayres
Manufacturer, Shop Engineer
Columbus Buggy Company
Columbus, Ohio

Born in Columbus, Ohio, November 24, 1882. Attended the Ohio State University, 1900-02, Fall 1902 and 1903, and Winter 1904. Since 1904 Shop Engineer and Assistant General Superintendent, Columbus Buggy Company, Columbus, Ohio. Member of Ohio Society of Mechanical, Electrical and Steam Engineers, Columbus Engineers' Club and Alpha Tau Omega. House address, 246 Twentieth Avenue, Columbus, Ohio.

Fay, Perry Smith Mercantile Business
John Wanamaker Company
Philadelphia, Pennsylvania

Born in Columbus, Ohio, February 13, 1889. Attended the Ohio State Univer-

sity, 1908-11, and received a Certificate in Law in June 1911. At present Assistant Secretary to General Manager, John Wanamaker, Inc., Philadelphia, Pa. Member of Beta Theta Pi and Phi Delta Phi.

Felger, Theodore Haines Sales Engineer
M. E. 1906
1407 Mellon Street, Pittsburg, Pa.

Born at New Springfield, Ohio, December 13, 1882. Attended North Eastern Ohio Normal College, 1898-01; attended Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Mechanical Engineer. With Allis-Chalmers Company, Milwaukee, Wisconsin, 1906-11; two years, 1906-08, in practical shop work; three years, 1908-11, in pumping engine work, two years of which was spent in pumping machinery test work, and one year in estimating and sales work in pumping machinery. At present Salesman for Pittsburgh Office of Platt Iron Works Company of Dayton. Member of Delta Upsilon.

Fenner, Jesse A. Attorney
B. A. (Wittenberg College) 1894
LL. B. 1898
615 Society for Savings, Cleveland, Ohio

Born at Shiloh, Ohio. Attended Wittenberg College, Springfield, Ohio, four years and was graduated in 1894 with the degree, Bachelor of Arts; attended Ohio State University one year and received the degree, Bachelor of Laws in June 1898. At present, Attorney-at-Law, Cleveland, Ohio. Member of Cleveland Chamber of Commerce, Masons and Beta Theta Pi.

Fenstermaker, Charles Howard
Civil Engineer
Industrial Lumber Company
Elizabeth, Louisiana

Born at Basil, Ohio, January 23, 1882. Married Mattie Kathryn Andrews, May 20, 1906. Attended Fairfield Union Academy one year; attended Ohio State University, 1901-04, in the College of Engineering. Assistant Engineer, Louisiana Railway & Navigation Co., October 1904 to December 1905; Resident Engineer of above company, December 1905 to March 1907; Principal Assistant Engineer, Tremont & Gulf Railway, March 1907 to May 1908; Civil Engineer, Industrial Lumber Co., June 1908 to June 1909; Locating Engineer, Alexandria & Western Railway, September 1909 to February 1910. Since 1910 Civil Engineer, Industrial Lumber Co.

Fenton, Marshall Glover Attorney
Carlisle Block, Chillicothe, Ohio

Born at Chillicothe, Ohio, November 13, 1885. Attended Sheffield Scientific School of Yale University, two years; attended Ohio State University, 1908-11, and received a Certificate in Law in June 1911. At present Attorney-at-Law and City Solicitor, Chillicothe, Ohio. Member of Sigma Chi and Theta Nu Epsilon.

Fergus, Guy Carlton
M. E. in E. E. 1898
Mercantile Business—Electrical Supplies
Fergus Electric Co., Zanesville, Ohio

Born in Tippecanoe City, Ohio, January 7, 1875. Married Mae Dodd, October 8, 1902. Attended the Ohio State University, preparatory, 1892-93, 1893-98 in College of Engineering, and was graduated in June 1898 with the degree, Mechanical Engineer in Electrical Engineering. Engaged in Electrical supply and contracting business since graduation. Proprietor Fergus Electric Company, Zanesville, Ohio. Member of Knights Templar and Delta Tau Delta.

Fergus, John F. Attorney
LL. B. 1892
576 N. High Street, Columbus, Ohio

Born in Miami County, Ohio, March 8, 1863. Married Ella May Addison, June 18, 1889. Attended the Ohio State University, 1883-85 preparatory, 1885-87 collegiate, 1891-92 in the College of Law, and was graduated in June 1892 with the de-

gree, Bachelor of Laws. Member of Board of Education of Columbus, Ohio, 1894-98. Since 1898 Secretary and Counsel, Park Savings Company. 32d Degree Mason and Odd Fellow. House address, 391 West Sixth Avenue, Columbus, Ohio.

Ferguson, James Warren Sales Engineer
M. E. 1907
Kilbourne-Jacobs Mfg. Company
Columbus, Ohio

Born in Willoughby, Lake County, Ohio, January 29, 1884. Attended the Ohio State University, 1901-05, 1906-07, and was graduated in June 1907 with the degree, Mechanical Engineer. Draftsman, Pittsburgh, Cincinnati, Chicago & St. Louis Ry. Co., 1905-06. Since graduation, with The Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio as Sales Engineer, Steel Car Department. Member of Masonic Order, United Commercial Travelers, and Buckeye Republican Club. House address, 183 West Ninth Avenue, Columbus, Ohio.

Fickardt, George Hunter Pharmacist
B. Sc. Pharm. 1911
George H. Fickardt & Son, Circleville, Ohio

Born at Circleville, Ohio, September 13, 1890. Attended the Ohio State University, 1908-11, and was graduated in June 1911 with the degree, Bachelor of Science in Pharmacy. At present, Pharmacist, George H. Fickardt & Son, Circleville, Ohio. Member of Beta Theta Pi.

Fieldner, Arno Carl Chemist
B. Sc. Chem. Engr. 1906
U. S. Bureau of Mines, Fortieth and Butler Streets, Pittsburgh, Pa.

Born in Ney, Ohio, December 12, 1881. Attended Ohio Wesleyan University; attended Ohio State University three and one-half years, January 1901 to June 1906, and was graduated in June 1906 with the degree, Bachelor of Science in Chemical Engineering. Apprentice Engineer, Denver Gas & Electric Company, July to November 1906; Chemist and Assayer, American Zinc & Chemical Company, November 1906 to February 1907. Since February 1907, Assistant Chemist, U. S. Geological Survey and U. S. Bureau of Mines, in charge of Coal Laboratory at Pittsburgh, Pa. In July 1910 he published an article on "Some Variations in the Official Method for the Determination of Volatile Matter in Coal" (Journal, Industrial and Engineering Chemistry). Member American Chemical Society and Sigma Xi.

Fieser, Louis Frederick Mercantile Business
Fieser, Bentley, Warner Co., Wyandotte Building, Columbus, Ohio

Born in Columbus, Ohio, October 17, 1854. Married Martha V. Kershaw, June 30, 1891. Attended the Ohio State University, 1873-76, and Polytechnic of Vienna, Austria, 1876-79. Division Engineer, Construction of various railroads, also Engineer Maintenance of Way, 1879-91. From 1891 to the present time engaged as Banker, Manufacturer and Dealer in Pig Iron. Now President of The Fieser-Bentley-Warner Company, Columbus, Ohio. Mr. Fieser was the eighth student to register in the University.

Finley, Guy Cephas Junior Engineer
C. E. 1910
U. S. Reclamation Service
Naches, Washington

Born in Pleasant City, Ohio, October 8, 1883. Attended the Ohio State University, 1905-07, 1908-10, and was graduated in June 1910 with the degree, Civil Engineer. With U. S. Reclamation Service since graduation. At present, Junior Engineer, U. S. Reclamation Service. Member of Masons and of Acacia.

Finney, Elkana Elhana
B. A. (Cedarville College) 1901
B. Sc. Agr. 1905
Farmer and Stock Raiser
Cedarville, Greene County, Ohio

Born at Springfield, Ohio, June 9, 1879. Married Donna Belle Prose, June 1907. Attended Cedarville College, preparatory

department, two years, collegiate department four years, and was graduated in 1901 with the degree, Bachelor of Arts; attended Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Science in Agriculture. Manager of Falkenan Stock Farm, Benton Harbor, Michigan, 1905; Manager, F. P. Hills, Oakland Farm, Marengo, Morrow County, Ohio, March 1906 to March 1909; Manager and Tenant of F. M. Wilson's Alphea Dale Farms, Selma, Ohio, March 1909 to March 1912. Since March 1912, Proprietor of "Chaphac" Farm, Cedarville, Ohio, R. R. No. 1.

Fippin, Elmer Otterbein Professor
B. Sc. Agr. 1900
Cornell University, Ithaca, New York

Born in Galloway, Ohio, September 18, 1879. Married Florence E. Postle, November 21, 1901. Attended the Ohio State University, 1895-00, and was graduated in June 1900 with the degree, Bachelor of Science in Agriculture. Attended Cornell University, 1904-05. Assistant, Bureau Plant Industry, U. S. Department of Agriculture, 1900-01; Assistant, Soil Survey, U. S. Department of Agriculture, 1901-05; Detailed to Cornell University as Assistan Professor of Soils from the U. S. Department of Agriculture, 1905-06; Assistant Professor of Soils, Cornell University, 1906-09. Since 1909, Professor of Soil Technology and Extension Professor of Soil Technology, Cornell University. Among his publications are "Soil Survey County Reports and Maps," U. S. Bureau of Soils; "Field Operation," 1910; a book, "Principles of Soil Management" (Macmillan Co. 1910), joint author with T. L. Lyon; "Drainage in New York," Bulletin 257, Cornell Experiment Station. Member American Association for the Advancement of Science, American Society of Agronomy (charter member), New York State Drainage Association (president 1909), and Alpha Zeta.

Fish, Fred Alan Professor
M. E. in E. E. 1898
Iowa State College, Ames, Iowa

Born in Milan, Ohio, February 21, 1875. Married Annie Caulkins, August 14, 1901. Attended Buchtel College, Akron, Ohio, 1893-95; attended Ohio State University, 1895-98, and was graduated in June 1898, with the degree, Mechanical Engineer in Electrical Engineering. Attended the University of Wisconsin, 1900-01. Assistant in Electrical Engineering, Ohio State University 1898-00; Assistant Professor of Electrical Engineering, Ohio State University, 1901-05; Associate Professor of Electical Engineering, Iowa State College, 1905-07. Since 1907 Professor of Electrical Engineering, Iowa State College. Among his published articles are, "A Note on Three-phase Power Measurement," Electrical World, June 1903; "Load and Power Factor Relations, in Two phase—three phase Transformers," Electrical World, July 28, 1906; "The Work of the Freshman and Sophomore Years in Engineering Courses," Society for Promotion of Engineering Education, Cleveland, 1907; "A Method of Designing Transformers," Iowa Engineer, June 1905; "Polyphase Induction Motors," Iowa Engineer, January 1911. He is a member of the American Institute of Electrical Engineers, National Electric Light Association, Society for Promotion of Engineering Education, Iowa Electrical Association, and of Tau Beta Phi, Phi Kappa Phi, Phi Delta Theta and Sigma Xi.

Fisher, Charles Samuel
M. E. 1907 Mechanical Engineer
Designer—Mechanical Engineer
Packard Motor Car Co., Detroit, Mich.

Born at Flushing, Ohio, August 21, 1882. Attended the Ohio State University, Fall and Winter 1901-02, Spring 1903, years 1904-07, graduate work 1908-09, and was graduated in June 1907 with the degree, Mechanical Engineer. Testing Engineer, Columbus Railway & Light Company, July 1907 to October 1907; Assistant, Department of Mechanical Engineering,

Ohio State University, October 1907 to June 1909; Draftsman, C. & G. Cooper Co., Mt. Vernon, Ohio, July 1909 to March 1910; Tool Designer and Foreman of Tool Room, American Blower Company, Detroit, Michigan, April 1910 to January 1911. Since February 1911, Tool and Special Machine Designer, Packard Motor Car Company, Detroit, Michigan. Member of Sigma Phi Epsilon. House address, 311 Medbury Avenue, Detroit, Michigan.

Fisher, Dudley Tyng Mechanical Engineer
Patent Record Department
Jeffrey Manufacturing Company
Columbus, Ohio

Born in Columbus, Ohio, March 21, 1860. Married Marion Garner, October 21, 1886. Attended the Ohio State University, 1877-79. Inspector, Central Union Telephone Company, 1879-87; Superintendent, Columbus Edison Electric Light Company, 1887-89; Expert Foreman, Central Thomson-Houston Company, 1890-92; Superintendent, Hagerstown, Maryland, Electric Light Company, 1893; Mechanical Assistant to Superintendent, American Cereal Company, Akron, Ohio, 1893-99; Special Inspector, Motive Power, Pennsylvania Lines, 1899-00; since 1900, Chief of Patent Record Department, Jeffrey Manufacuring Company, Columbus, Ohio. House address, 363 West Seventh Avenue, Columbus, Ohio.

Fisher, Ethel
(See Ethel Fisher Lamb)

Fitterer, John Conrad Professor
B. Sc. 1898 C. E. (University of Colorado) 1904
University of Wyoming
Laramie, Wyoming

Born in Clyde, Ohio, December 15, 1871. Married Lucy E. Kemp, December 27, 1899. Attended the Ohio State University, 1896-98, and was graduated in June 1898 with the degree, Bachelor of Science. Attended the University of Colorado and received the degree, Bachelor of Science in Civil Engineering in 1904. In engineering, practice and teaching since 1904 with U. S. Geological Survey, U. S. Reclamation Service and Corporation Service. At present Professor of Civil Engineering, University of Wyoming, Laramie, Wyoming. Member of American Society for Testing Materials, International Society for Testing Materials and Tau Beta Pi.

Fledderjohann, Ernest Clergyman
B. A. 1905
New Philadelphia, Ohio

Born at New Knoxville, Ohio, July 7, 1882. Married Katie Strickler, June 21, 1911. Attended Mission House College, Plymouth, Wisconsin; attended Ohio State University, 1903-05, and was graduated in June 1905, with the degree, Bachelor of Arts; attended McCormic Theological Seminary, Chicago, Ill.; Pastor of South Louisville Reformed Church, Louisville, Ky., 1908-11. At present Pastor, The Stone Creek Valley Reformed Church, New Philadelphia, Ohio.

Flocken, Ira Graessle Professor
B. A. 1909 M. A. (Cornell University) 1910
University of Pittsburgh
Pittsburgh, Pennsylvania

Born in Mansfield, Ohio, December 1, 1886. Married Olive Gheen, August 25, 1910. Attended the Ohio State University four years and was graduated in June 1909 with the degree, Bachelor of Arts. Attended Summer School at University of Chicago, 1909, and Cornell University, 1909-10, receiving the degree, Master of Arts in June 1910. Fellow in Economics and Statistics, Cornell University, 1909-10; Assistant in Economics and Accounting, University of Illinois, 1910-11. Since 1911 Instructor in Economics and Accounting, University of Pittsburgh, Pittsburgh, Pa. Member of American Economic Association, American Statistical Association, and Ohio State University Association of Pittsburgh.

Flynn, Harry Franklin Junior Engineer
C. E. 1892
U. S. Engineering Department
P. O. Box 1809, Seattle, Washington

Born at Woodbury, New Jersey, June 14, 1869. Attended the Ohio State University, 1888-92, and was graduated in June 1892 with the degree, Civil Engineer. U. S. Construction and Geodetic Survey, 1892-03; Bureau of Lands, Phillipine Islands, 1904-07; Assistant Engineer, Bureau of Public Works, Philippine Islands, 1907-09. At present Junior Engineer, U. S. Engineers' Department, Washington, D. C. Member of Philosophical Society of Washington, D. C., and Pacific Northwest Society of Engineers.

Flynn, Mrs. Margaret Sutherland Teacher
B. Ph. 1898
222 Marshall Avenue, Columbus, Ohio

Born in Steubenville, Ohio, June 2, 1877. Married Benjamin Harrison Flynn, November 2, 1899. Attended the Ohio State University, 1894-98, and was graduated in June 1898 with the degree, Bachelor of Philosophy. With U. S. Geological Survey, 1903; Teacher, Douglas School, Columbus, Ohio, 1906-08. Since 1909, Teacher of Mathematics, West High School, Columbus, Ohio. Joint author with Benjamin H. Flynn, "Water-Supplies of Ohio," for U. S. Geological Survey, 1903. Member of Pi Beta Phi.

Flynn, Maud Teacher
B. Sc. 1896
338 W. Sixth Avenue, Columbus, Ohio

Attended the Ohio State University 1889-96, except Fall and Winter of 1893, two years of which were preparatory, and was graduated in June 1896 with the degree, Bachelor of Science. Head of Science Department, South High School, Columbus, O.

Ford, Stanley Hamer U. S. Army, Captain
B. Ph. 1898
Jefferson Barracks, Missouri

Born in Columbus, Ohio, January 30, 1877. Married Lona Pace, July 20, 1904. Attended the Ohio State University, 1892-94, preparatory, 1894-98, and was graduated in June 1898 with the degree, Bachelor of Philosophy; attended General Service and Staff College, Fort Leavenworth, Kansas. Since July 1898 officer in United States Army. Service in U. S., Philippine Islands and Cuba. Present rank, Captain of Infantry. At present Post and Constructing Quartermaster (Captain and Quartermaster). Member of Sigma Alpha Epsilon.

Forster, Charles Thomas Sales Manager
M. E. 1906
The Chicago Coated Board Company
Chicago, Illinois

Born in Waterloo, Indiana, July 20, 1881. Married December 25, 1909. Attended Illinois Law College one year; attended Buchtel College, Akron, Ohio, one year; attended Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Mechanical Engineer. In Engineering Department, Denver Gas & Electric Company, one year; in Engineering Department and Sales Department, Chicago Coated Board Company, four years. At present Sales Manager, The Chicago Coated Board Company. Member of Western Association of Paper Box Makers and Phi Alpha Delta. Home address, 1314 North Shore Avenue, Chicago, Ill.

Fortney, Carlton Everett Mining Engineer
E. M. 1907
Osborne, Ohio

Born at Osborne, Ohio, July 14, 1883. Attended the Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Engineer of Mines. Engineer for Cia Fundidora de Fierro y Acero de Monterey, at Saltillito, Coah, Mexico, July 1907 to February 1908; Mexican Coal & Coke Company, Las Esperanzas, Coah, Mexico, February 1908 to March 1909; Cia Carbonara de C. P. Diaz, C. P. Diaz, Coah, Mexico, March 1909 to February

1910; Fenix Coal Company, Fenix-Coah, Mexico, February 1910 to June 1911. Member of American Institute of Mining Engineers.

Foote, Ada May Nichols
(Mrs. H. R. Foote)
B. Ph. 1902 D. O. (Ohio College of Osteopathy) 1904 D. O. (Littlejohn College and Hospital) 1906
71 Harcourt Street, Dublin, Ireland

Born at Circleville, Ohio, U. S. A., 1879. Married H. R. Foote, D. O., August 1, 1911. Attended the Ohio State University, 1898-00, 1901-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy; Junior year spent at Ohio Wesleyan University; attended Ohio College of Osteopathy, 1902-04, and received the degree, Doctor of Osteopathy, in 1904; attended American School of Osteopathy, summer graduate work, in 1904; attended Littlejohn College and Hospital, 1905-06, and received the degree, Doctor of Osteopathy, in 1906. Practiced Osteopathy in Columbus, Ohio, about four years; Secretary of Invention and Novelty Exchange, 12 St. Andrew St., Dublin, Ireland. Member of Girls' Friendly Society, Woman's Relief Corps, Order of Eastern Star, Socialist Party, American Osteopathic Association, British Osteopathic Association and Pi Beta Phi.

Foss, Clarence Milton
Automobiles—Service Engineer
214 Liberty Street, Muncie, Indiana

Born at Carthage, Ohio, March 13, 1882. Married Erma C. Linsley, December 1, 1906. Attended the Ohio State University Fall of 1902 to November 1905, in the College of Engineering. Draftsman, The Oscar Lear Automobile Company, Columbus, Ohio, January 1, 1906, to August 10, 1907; Chief Engineer, The Seagrave Company, Columbus, Ohio, September 1, 1907, to November 15, 1909; Engineering work, Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio, January 10, 1910, to April 30, 1910; Consulting Engineer, The Dunlap Engineering Company, Columbus, Ohio, May 1, 1910, to June 10, 1911. At present Service Engineer, The Inter-State Automobile Company, Muncie, Indiana. Member of Royal Arcanum and Sigma Alpha Epsilon.

Foster, Dudley Hampton Insurance
B. Ph. 1895 LL. B. 1895
The Great Western Life Insurance Company, Toledo, Ohio

Born in Omega, Ohio, July 6, 1869. Attended the Ohio State University three years and was graduated in June 1895, with the degrees, Bachelor of Philosophy and Bachelor of Laws. State Building and Loan Examiner, 1904-10. At present,-Vice-President and Treasurer, The Great Western Life Insurance Company. He is a Mason and a member of Sigma Alpha Epsilon and of Phi Delta Phi. Home address, 602 Scottwood Apartment, Toledo, Ohio.

Foster, Emma Warwick
Box 13, R. F. D., Higby, Ohio

Born near Lucasville, Scioto County, Ohio, July 24, 1878. Attended the Ohio State University, 1898-02, in the Domestic Science Course.

Foster, Orie Floyd Mechanical Engineer
M. E. 1911
Municipal Reduction Plant
Columbus, Ohio

Born at Wichita, Kansas, March 7, 1890. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Mechanical Engineer. At present in Engineering Service, Municipal Reduction Plant, City of Columbus, Ohio. House address, 397 North Monroe Avenue, Columbus, Ohio.

Foster, Thomas B. Farmer
B. Sc. Agr. 1906
Butterworth Farm, Foster, Ohio

Born in Ohio, September 1, 1883. Attended the University of Cincinnati, 1902-03; attended Ohio State University, 1903-06, and was graduated in June 1906, with

the degree, Bachelor of Science in Agriculture. Engaged in farming at the present time. Member of Sigma Chi and Alpha Zeta.

Foster, Thomas J. Veterinarian
D. V. M. 1909
Monticello, Illinois

Born at Somerset, Ohio, January 27, 1886. Married Agnes E. Nichol, June 16, 1910. Attended the Ohio State University, 1906-09, and was graduated in June 1909 with the degree, Doctor of Veterinary Medicine. Practicing Veterinary Medicine, Monticello, Illinois.

Foster, William A. Director Manual Arts
Wilmington, Delaware

Born in Somerset, Ohio, May 11, 1884. Married Myrtle Wright, August 21, 1909. Attended the Ohio State University, 1903-07; Summer School, Ohio State University, 1907, 1908; Summer School, University of Pennsylvania, 1911; University Extension, University of Pennsylvania, 1911-12. Instructor, Industrial Drawing, High School, Altoona, Pa., 1907-09; Instructor, Woodwork and kindred subjects, Northern Normal and Industrial School, Aberdeen, South Dakota, 1909-10; Director of Manual Training, Public Schools, Hazelton, Pa., 1910-11. At present Director of Manual Arts, Public Schools, Wilmington, Delaware. Member of the National Educational Association. Home address, R. R. No. 1, Edge Moor, Delaware.

Foulk, Charles William Professor
B. A. 1894
Ohio State University, Columbus, Ohio

Born in Warren, Ohio, April 26, 1869. Married Elma Brooks Perry, September 12, 1905. Attended the Ohio State University, 1890-94, and was graduated in June 1894 with the degree, Bachelor of Arts. Attended the University of Leipzig, Germany, two years. In commercial analytical work for three years after graduation, then at Ohio State University as Assistant, Assistant Professor, and now Professor of Analytical Chemistry. Has published, "Introductory Notes on Quantitative Chemical Analysis" (McGraw-Hill Book Co., New York) second edition. Member of American Chemical Society and Sigma Xi. Fellow, American Association for Advancement of Science.

Foulk, Elma Perry
(Mrs. Charles W. Foulk)
B. Ph. 1901 B. Sc. Dom. Sci. 1901
Lecturer, Home Economics
384 King Avenue, Columbus, Ohio

Born in Troy, Ohio, September 4, 1878. Married Charles W. Foulk, September 12, 1905. Attended the Ohio State University, 1897-01, and was graduated in June 1901 with the degrees, Bachelor of Philosophy and Bachelor of Science in Domestic Science. Fellow in Botany, Ohio State University, 1901-02; Supervisor Domestic Science, Stout Manual Training School, Menomonie, Wisconsin, 1902-03; Professor of Domestic Science, College of Industrial Arts, Denton, Texas, 1903-05; Extension Department, Ohio State University, 1909-10. Has published several articles in Bulletins of the Agricultural Extension Department, Ohio State University. Member of Home Economics Association and Society of Sigma Xi.

Fox, Charles Pinckney Rubber Expert
B. Sc. Agr. 1890 M. Sc. Agr. 1895
395 Doyle Street, Akron, Ohio

Born near Piqua, Miami County, Ohio, September 6, 1866. Married Etta O. Williamson, September 1, 1890. Attended the Ohio State University, 1884-90, and 1897-98, and was graduated in June 1890 with the degree Bachelor of Science in Agriculture, and in June 1895 with the degree, Master of Science in Agriculture. Assistant Chemist, Missouri Agricultural Experiment Station, and Instructor of Chemistry, University of Missouri, three years; Professor of Agriculture and Director Agricultural Experiment Station, University of Idaho, four years; Chemist, Diamond

Rubber Company, twelve years. At present Crude Rubber Expert, Diamond Rubber Company, Akron, Ohio. Among his publications are, "Sugar Beets," bulletin of Missouri Experiment Station, 1893; reports and bulletins, Idaho Experiment Station, 1893-97; numerous articles of Scientific and Technical nature along lines of Agriculture and Rubber Industry; "Idaho Agriculture," 1897; "Guayule Industry," India Rubber Journal, 1909; "Film Test for Crude Rubber," India Rubber Journal, 1908; "New Rubbers from Mexico," Tropical Life, March 1910; "Perilla Oil," Ohio Academy of Science, 1911. Was State Horticultural Inspector, Idaho, 1896-97. Has investigated the sources of the following crude rubbers: Guayule (Parthenium Argentatum), Mexican shrub rubber, 1901-07; Jelutong (Dyera Costulata), Borneo, 1902; Pingue (Actinella), Colorado, 1906; Palo Colorado, Southwest Mexico, 1909; Cactus and Fig Rubbers, Cuba and Florida, 1910; Ohio Rubber Plants, 1901-11. Member of National Geographical Society, American Chemical Society, Society Chemical Industry, Chamber of Commerce, Akron, Ohio, Ohio Academy of Science, Kirtland Science. Received Gold Medal at Spokane Fruit Fair, 1896; Delegate to Irrigation Congress, Denver, Colorado, 1895.

Fox, Ross Garfield Rancher
B. Ph. 1900
R. F. D. No. 1, Lakeview, Washington

Born in Madison County, Ohio, December 3, 1878. Married Helen B. Lambdin, March 31, 1906. Attended the Ohio State University, 1896-00, in the College of Arts, 1904-05 in the College of Engineering, and was graduated in June 1900 with the degree, Bachelor of Philosophy. Engaged in Real Estate in Columbus, Ohio, 1900-04; Special work in Engineering, Ohio State University, 1904-05; Office of City Engineer, Seattle, Washington, Fall of 1905 to Fall of 1910. Since 1910, Rancher, Lakeview, Washington.

Francis, Edward Physician
B. Sc. 1894 M. D. (University of Cincinnati) 1897
U. S. Public Health and Marine Hospital Service, Washington, D. C.

Born at Shandon, Ohio, March 27, 1872. Attended the Ohio State University, 1890-94, and was graduated in June 1894 with the degree, Bachelor of Science; attended University of Cincinnati and received the degree, Doctor of Medicine in 1897. Interne in Cincinnati City Hospital eighteen months; Assistant Surgeon, U. S. Public Health and Marine Hospital Service, 1900, promoted to Passed Assistant Surgeon in 1905; one year at Ellis Island, New York City, making medical examination of arriving immigrants; four years in Hygienic Laboratory of Public Health and Marine Hospital Service, Washington, D. C.; four years in U. S. Marine Hospital and Quarantine Station, Mobile, Alabama. Since 1909 Assistant Director of Hygienic Laboratory, Washington, D. C. Member of Phi Delta Theta.

Francis, Mark Professor
D. V. M. 1887
Agricultural and Mechanical College of Texas, College Station, Texas

Born at Shandon, Ohio, March 19, 1863. Married Anna J. Scott, September 10, 1890. Attended the Ohio State University, 1883-87, and was graduated in June 1887 with the degree, Doctor of Veterinary Medicine. Attended the American Veterinary College, New York, 1887-88, and the University of Michigan, 1902. At present, Professor of Veterinary Science, Agricultural and Mechanical College of Texas, College Station, Texas. Has written articles for the Bulletin of the Texas Experiment Station. Member of American Veterinary Medical Association, American Association for the Advancement of Science, Phi Delta Theta and Sigma Xi.

Frank, Carl Melvin Architectural Draftsman
123 East Deshler Avenue
Columbus, Ohio

Born in Columbus, Ohio, November 27, 1889. Attended Ohio State University, 1907-09, in the College of Engineering. Attended Columbia University, 1910-11. Architectural Draftsman, office of C. W. Bellows, architect, Columbus, Ohio, 1909-10. At present with Wilbur T. Mills, architect, Columbus, Ohio. Member of Columbia University Society of Architects and Sigma Chi. Received favorable mention for two designs submitted in competition under the auspices of New York Chapter, Society Beaux Arts.

Frank, John Nicholas Logging Engineer
B. Sc. Hort. & For. 1907
Colleton Cypress Company
Colleton, South Carolina

Born at New Amherst, Ohio, April 1, 1881. Married Vera L. Kerr, August 3, 1911. Attended the Ohio State University, 1900-01, 1903-05, 1906-07, and was graduated in June 1907 with the degree, Bachelor of Science in Horticulture and Forestry. Logging Engineer with Colleton Cypress Company, Colleton, South Carolina. Member of Sigma Xi.

Frank, Sumner Baer Chemist
B. Sc. in Chem. Eng. 1911
Chemical Laboratory Armour & Co.,
Chicago, Ill.

Born in Zanesville, Ohio, July 21, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911 with the degree, Bachelor of Science in Chemical Engineering. Since August 1911, Assistant Chemist with Armour & Company, Chicago, Ill. Member of Alpha Chi Sigma.

Frankenberg, John Theodore
M. E. in E. E. 1899 Telephone Engineer
Providence Telephone Company
Providence, Rhode Island

Born at Delphos, Ohio, July 31, 1878. Married Mary A. Van Heyde, March 12, 1903. Attended the Ohio State University, 1895-99, and was graduated in June 1899 with the degree, Mechanical Engineer in Electrical Engineering. Traveling Installer, Central Union Telephone Company, State of Ohio, November 1899 to January 1, 1901; Switchboardman and Inspector, Central Union Telephone Company, Columbus, Ohio, January 1, 1901 to July 1, 1903; Engineering Assistant, Central District & Printing Telegraph Company, Pittsburgh, Pa., July 1, 1903, to January 1, 1905; Engineering Assistant, American Telephone and Telegraph Company, Boston, Massachusetts, January 1, 1905, to November 1, 1906. Since November 1906, Chief Engineer, Providence Telephone Company, Providence, Rhode Island. Associate member, American Institute of Electrical Engineers, member of The Telephone & Telegraph Society of New Engand, and of The Telephone Society of Rhode Island.

Frazier, Forrest Faye Professor
Kansas State Agricultural College,
Manhattan, Kansas

Born at Sidney, Ohio, June 22, 1884 Attended Miami University, 1906-07; attended Ohio State University, 1907-10, in the College of Engineering. On Engineering Corps, C., H. & D. Ry. 1910; Assistant Superintendent on railroad construction, John B. Carter Construction Company, 1910-11; Assistant on Engineering Corps, Pennsylvania R. R. 1911. At present Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kansas.

Freeman, Carlyle B. Civil Engineer
C. E. 1908
William P. Carmichael Co., 811 Liggett Building, St. Louis, Missouri

Born in Chillicothe, Ohio, January 2, 1886. Attended the Ohio State University, 1904-08, and was graduated in June 1908 with the degree, Civil Engineer. Inspector of Bridges, Ross County, 1908; Draftsman and Assistant Superintendent,

Ferro-Concrete Construction Company, Cincinnati, Ohio, 1909. Since 1910, Engineer, William P. Carmichael Company, St. Louis, Missouri. Member of Ohio Society, St. Louis, Missouri Athletic Club and Delta Upsilon.

Freeman, Frances R. Professor
B. Sc. Dom. Sci. 1910 M. Sc. Dom. Sci, 1911
Department State Normal
Moorhead, Minnesota

Born at Tippecanoe City, Ohio, in 1887. Attended the Ohio State University, 1906-11, and was graduated in June 1910 with the degree, Bachelor of Science in Domestic Science; received the degree, Master of Science in Domestic Science in June 1911. Head of Department of Home Economics, State Normal, Moorhead, Minnesota. Member of Sigma Xi.

Freeman, Stanton S. Mining Engineer
E. M. 1898
Superintendent and General Manager
Carbon Iron & Steel Company
Parryville, Pennsylvania

Born in Columbus, Ohio, December 24, 1874. Married Gertrude Heydt in 1902. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Engineer of Mines. Member, First Ohio Volunteer Cavalry, 1898-99; Chemist, National Steel Company, Mingo Junction, Ohio, February 1899 to April 1899; Night Foreman, Carbon Iron & Steel Company. At present Superintendent and General Manager, Carbon Iron & Steel Company, Ltd., Parryville, Pa. Member of Ohio Society of New York, American Institute of Engineering Miners, Racquet Club, Philadelphia, Pa., Livingston and Elks Clubs of Allentown, Pennsylvania. Sergeant of Troop D, First Ohio Volunteer Cavalry, April 1898 to November 1898, then in Quartermaster's Department until January 1899, Spanish-American War.

French, Charles Smith Veterinarian
Ironton, Ohio

Born in Rio Grande, Ohio, May 10, 1874. Married Ella Ward, April 30, 1907. Attended Rio Grande College one year; attended Ohio State University, 1908-11, and received a Certificate in Veterinary Surgery in June 1911. Has been practicing Veterinary Medicine in Ironton, Ohio, since July 1911. Member of the "Committee of Eighty-Eight," Ohio State Veterinary Medical Association, and of the Masons. Served in Company C, Seventh Ohio Volunteer Infantry, Spanish-American War.

French, Thomas Ewing Professor
M. E. 1895
Ohio State University, Columbus, Ohio

Born in Mansfield, Ohio, in 1871. Attended the Ohio State University 1891-95, and was graduated in June 1895 with the degree, Mechanical Engineer. Chief Draftsman, The Smith-Vaile Company, Dayton, Ohio; patent draftsman and consulting engineer for several companies; Associate Engineer, The Smethport Research and Testing Laboratories. Since 1892 connected with the Department of Drawing at the Ohio State University, and at present Professor and Head of the Department of Engineering Drawing. Among his publications are, "A Manual of Engineering Drawing," 289 pp. 462 ill. McGraw-Hill Book Company, New York, 1911; "The Essentials of Lettering" (with Robert Meikeljohn), third edition, 94 pp., 120 ill., McGraw-Hill Book Co., New York, 1912. Member of the Society for the Promotion of Engineering Education and Sigma Xi.

Friend, Fred F. Field Engineer
C. E. 1911
Alamo Land & Sugar Company
San Juan, Texas

Born in Blanchester, Ohio, July 16, 1886. Attended the Ohio State University, 1906-08, 1909-11, and was graduated in June 1911 with the degree, Civil Engineer. Field Engineer, American Rio Grande L. & I. Company, Mercedes, Texas,

1908-09. Since 1909, Field Engineer, Alamo Land & Sugar Company, San Juan, Texas. Member of Sigma Nu and Triangle.

Fromme, Nola Katherine Teacher
B. Sc. Dom. Sci. 1905
Calumet, Michigan

Born at Saint Paris, Ohio, in 1884. Attended the Ohio State University, 1902-05. and was graduated in June 1905 with the degree, Bachelor of Science in Domestic Science. Instructor in Home Economics, South Dakota State College, Brookings, South Dakota, 1907-09; Assistant Principal in School of Agriculture, South Dakota State College, 1909-11. At present Supervisor of Domestic Science, Calumet, Michigan.

Frost, Elizabeth Teacher
B. A. 1910 B. Sc. Edu. 1911
Shelby, Ohio

Born at Lebanon, Ohio, May 21, 1888. Attended Oxford College for Women, 1906-07; attended Ohio State University, 1907-11, and was graduated in June 1910 with the degree, Bachelor of Arts, and in June 1911 with the degree, Bachelor of Science in Education. At present Teacher of English, High School, Shelby, Ohio. Member of Delta Delta Delta.

Frye, A. Don. Testing Department
Westinghouse Electric & Manufacturing Co., Pittsburgh, Pa.

Born in Licking County, Ohio, April 19, 1880. Attended Casino Technical Night School; attended Ohio State University, 1903-04, Fall and Winter 1904-05, in the College of Engineering. Master Mechanic, D. S. & W. Electric Railway, two years; Erection Department, Westinghouse Electric & Manufacturing Company, two years; for two years and at present Testing Department of above company. House address, 1022 Ross Avenue, Wilkinsburg, Pa.

Fuller, Gilbert Lloyd
Stocks and Bonds, Broker
8 East Broad Street, Columbus, Ohio

Born in Portsmouth, Ohio, May 29, 1881. Attended the Ohio State University one year in the College of Arts and three years in the College of Law, 1902-06. Practiced Law with Vorys, Sater, Seymour & Pease, October 1906 to November 1909; since November 1909, Broker in Stocks and Bonds with John H. Parsons & Company. Member of the Columbus Stock Exchange and of Delta Chi.

Fullerton, Charles Hayward
High School Principal
B. Ph. 1898 M. A. 1911
88 Eighteenth Ave., Columbus, Ohio

Born in Wheelersburg, Ohio, September 29, 1873. Married Rose Langworthy, July 3, 1901. Attended Hillsdale College; attended Ohio State University, 1896-98, and was graduated from Ohio State University in June 1898 with the degree, Bachelor of Philosophy; graduate student, Ohio State University, 1908-11, and granted the degree, Master of Arts, in June 1911. Teacher, Central High School, Columbus, Ohio, 1899-04; Head of Department of Mathematics, Central High School, Columbus, Ohio, 1904-09. Since 1909, Principal, Indianola Junior High School, Columbus, Ohio. Member of Central Ohio Schoolmasters' Club, Columbus Schoolmasters' Club and Delta Tau Delta.

Fullmer, Edward Lawrence Professor
B. Sc. 1897 M. Sc 1898
Baldwin University, Berea, Ohio

Born in Defiance, Ohio, July 30, 1870. Married Minnie Geiger, September 11, 1900. Attended the Ohio State University, 1893-98, and was graduated in June 1897 with the degree, Bachelor of Science, and in June 1898, with the degree, Master of Science. Fellow in Botany, Ohio State University, 1898-99; Professor of Veterinary Science, Dakota University, 1899-03; Professor of Veterinary Science, Bald-

win University, Berea, Ohio, 1903-07. Since 1907, Professor of Biology, Baldwin University. Member of Ohio Academy of Science, American Association for Advancement of Science and Sigma Xi.

Funk, John Rhea Pharmacist
Beeler Drug Co., Hamilton, Ohio

Born in Collinsville, Ohio, in 1887. Attended the Ohio State University two years and received a Certificate in Parmacy in June 1908. Pharmacist, Hillsboro, Ohio, 1909-10. At present Pharmacist, Beeler Drug Company, Hamilton, Ohio. Member of Phi Delta Theta and Phi Delta Chi.

Gaessler, William George Chemist
B. Sc. Pharm. 1911
Iowa State College, Agricultural Experiment Station, Ames, Iowa

Born in St. Louis, Missouri, December 15, 1888. Attended the University of Cincinnati, 1907-08, and the Ohio State University, 1908-11, and was graduated in June 1911 with the degree, Bachelor of Science in Pharmacy. At present Analytical Chemist in Chemical Section of Iowa State College, Agricultural Experiment Station. Member of American Chemical Society, American Pharmaceutical Association, Chemists' Club of Iowa State College and Phi Delta Chi. Registered Pharmacist in State of Ohio.

Galbraith, John Howard Journalist
B. Ph. 1883
263 Fifteenth Avenue, Columbus, Ohio

Born in Columbus, Ohio, September 8, 1859. Married Bessie D. Hine, May 25, 1887. Attended the Ohio State University four years, two years of which was spent in preparatory work. Was graduated in June 1883 with the degree, Bachelor of Philosophy. City Editor, The Columbus Press, 1885-86; Managing Editor, The Columbus Press, 1887-90; Ohio Representative, The United Press Association, 1891-98. At present conducting News Syndicate. In the Ohio Magazine in 1910 he published an article on "The Kosciusko Lands in Ohio." Member of Phi Kappa Psi.

Galehouse, David William
Ohio Agricultural Experiment Station, Superintendent of Fair Exhibits
Wooster, Ohio

Born at Doylestown, Ohio, September 19, 1875. Married Clara Edith Keck, June 14, 1905. Attended the Ohio State University, 1896-99 and Winter of 1900, in the College of Agriculture. In Seed Laboratory, U. S. Department of Agriculture, 1902-04; Agricultural Extension Department, Ohio State University, 1910-11. Since 1911, Superintendent of Fair Exhibits, Ohio Experiment Station, Wooster, Ohio. Member of Masonic Lodge and Alpha Zeta.

Galleher, Chester Perkins
M. E. in E. E. 1907 Telephone Engineer
The Central District & Printing Tel. Co., Wilkinsburg, Pa.

Born in Delaware, Ohio, in 1883. Attended Ohio Wesleyan University one year and the Ohio State University, 1903-07, and was graduated in June 1907 with the degree, Mechanical Engineer in Electrical Engineering. With The Central District & Printing Tel. Company, Wilkinsburg, Pa., since the Fall of 1907, and at the present time, Traffic Engineer of the same company. Member of Phi Gamma Delta.

Game, Francis Harvey Attorney
LL. B. 1904
422 Columbus Savings & Trust Bldg., Columbus, Ohio

Born in Canal Winchester, Ohio, March 16, 1881. Attended the Ohio State University in the College of Arts, 1898-00, and in the College of Law, 1901-04, and was graduated in June 1904, with the degree, Bachelor of Laws. Practicing Law in Columbus, Ohio, since graduation. Member of Alpha Tau Omega and Phi Delta Phi.

Game, Reed Haskell Attorney
B. Ph. 1896 LL. B. 1899
1201-1206 New Hayden Building
Columbus, Ohio

Born at Canal Winchester, Ohio, February 9, 1873. Married Marie Ester, May 17, 1910. Attended the Ohio State University 1891-92, preparatory, 1892-96 in the College of Arts, 1897-99 in the College of Law. Was graduated in June 1896, with the degree, Bachelor of Philosophy, and in June 1899 with the degree, Bachelor of Laws. At present Attorney-at-Law, Columbus, Ohio. Member Columbus Republican Glee Club, Sons of Veterans, Alpha Tau Omega and Phi Delta Phi.

Garber, Frederick Rummel
M. E. in E. E. 1910
Bureau of Inspection
Charleston, W. Va., Box 624

Born in Columbus, Ohio, June 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910 with the degree, Mechanical Engineer in Electrical Engineering. With Electric Automobile Department, Columbus Buggy Company, 1911. At present Inspector, West Virginia Inspection Bureau. Member of American Institute of Electrical Engineers and of Chi Phi, Theta Nu Epsilon and Eta Kappa Nu.

Gard, Irving Rider Mining Engineer
E. M. 1907
Canadian Collieries (Dunsmuir) Ltd.,
Victoria, B. C.

Born in Columbus, Ohio, September 27, 1884. Attended the Ohio State University, 1902-07, and was graduated in June 1907 with the degree, Engineer of Mines. Mining Engineer, San Toy Coal Company, San Toy, Ohio; Sales Engineer, Pittsburgh and Clearfield (Pa.) Offices, Jeffrey Manufacturing Company, Columbus, Ohio; Electrical Engineer in charge, Elkins Coal & Coke Company, Morgantown, W. Va.; Mining Engineer jointly for Seattle Electric Company of Seattle, Washington, and Wilkeson Coal & Coke Company of Tacoma, Washington. Since October 1910, Mining Engineer, Canadian Collieries (Dunsmuir) Ltd. of Victoria, B. C., Canada. Member American Institute of Mining Engineers, Canadian Mining Institute and of Acacia.

Gardner, Harry W. Mercantile Business
The Bryan Hardware Co., Bryan, Ohio

Born near Bryan, Ohio, October 20, 1889. Married Alice M. Killitz, August 7, 1911. Attended the Ohio State University, 1906-07, in the College of Arts. Teller, Farmers' National Bank of Bryan, June 17, 1907, to January 16, 1911. At present, Manager Automobile Department, Bryan Hardware Company, Bryan, Ohio.

Gardner, Walter Tomlinson
Mercantile Business
The Bryan Hardware Company,
Bryan, Ohio

Born in Bryan, Ohio, January 31, 1886. Married Bess M. Opdycke, June 28, 1911. Attended the Ohio State University September 1904 to Spring 1906. With The Bryan Hardware Company, Bryan, Ohio, April 1, 1906, to the present time. Elected Secretary and Treasurer of that company January 25, 1909. Member of Masons, Royal Arch Masons, and Knights Templar.

Garvin, Charles Rabe Life Insurance
B. A. 1909
513 New First National Bank Bldg.,
Columbus, Ohio

Born in Cumberland, Ohio, March 12, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909 with the degree, Bachelor of Arts. Teacher in country schools before attending college; Instructor in Chemistry, Ashtabula High School, Ashtabula, Ohio; at present, Agent, Mutual Benefit Life Insurance Company of Newark, New Jersey. Member of Delta Kappa.

Gascoigne, George Bradley Civil Engineer
C. E. 1910
810 Wayne Street, Sandusky, Ohio

Born at Oak Harbor, Ohio, December 1884. Attended the Ohio State University, 1905-10, and was graduated in June 1910 with the degree, Civil Engineer. At present Assistant City Engineer, Sandusky, Ohio. Member of Phi Delta Theta.

Gates, Ellis Day
Mercantile Business, Terra Cotta & Clay Products
2008 People's Gas Bldg., Chicago, Ill.

Born at Hinsdale, Illinois, October 11, 1880. Married Jennie Fee Austill, June 8, 1904. Attended the Ohio State University, 1899-01, as a special student in the College of Engineering. Treasurer, American Terra Cotta & Ceramics Company, Chicago, 1902-05; Superintendent, Terra Cotta, for Denny-Renton Clay & Coal Co., Seattle, Washington, 1907-10; Superintendent, New York Architectural Terra Cotta Company, New York City, 1911. At present Treasurer, American Terra Cotta & Ceramic Co., Chicago, making a specialty of Architectural Terra Cotta, Pottery and Fainence, and High Grade Clay Products. Has written several articles for American Ceramic Society, 1909. Member of National Brick Manufacturers' Association, American Ceramic Society, Manhattan Club of New York City, Illinois Athletic Club of Chicago, and Kappa Sigma.

Gatewood Physician
B. A. 1907 M. A. 1910
M. D. (Rush Medical College) 1911
Michael Reese Hospital, Chicago, Ill.

Born at Stockport, Ohio, October 11, 1883. Attended the Ohio State University, 1903-10, and was graduated in June 1907 with the degree, Bachelor of Arts, and in June 1910 with the degree, Master of Arts; attended Starling-Ohio Medical College, 1907-10; attended University of Chicago, 1910; attended Rush Medical College, 1910-11, and was graduated in 1911, with the degree, Doctor of Medicine. Assistant in Anatomy and Physiology, Ohio State University, 1908-10. At present, Research Fellowship, Michael Reese Hospital and Nelson Morris Memorial Institute.

Gatewood, Lee Connel Physician
B. A. 1907 M. A. 1909
M. D. (Rush Medical College) 1911
Presbyterian Hospital, Chicago, Ill.

Born in Stockport, Ohio, March 15, 1889. Attended the Ohio State University, 1903-09, and was graduated in June 1907 with the degree, Bachelor of Arts, and in June 1909 with the degree, Master of Arts. Attended Starling-Ohio Medical College, 1907-10, and University of Chicago, Rush Medical College, 1910-11, receiving the degree, Doctor of Medicine in 1911. Assistant in Physiology, Ohio State University, 1908-10; Assistant in Physiology, Starling-Ohio Medical College, 1909-10; Research Fellow in Otho S. A. Sprague Memorial Institute at St. Luke's Hospital, Chicago, Ill. Published in Psychological Review, Monograph Supplement, 1909, "An Experimental Study of Dementia Praecox"; was joint author with Dr. Herbst of a paper before the American Urological Association, September, 1911. Member of Society of Sigma Xi.

Gatrel, Ida Katherine Teacher
B. Sc. Edu. 1910
Utica, Ohio

Born at Circleville, Ohio, in 1875. Attended the Ohio State University, 1891-94, 1898-09 and Summers 1909, 1910, and was graduated in June 1910, with the degree, Bachelor of Science in Education. Grade Teacher, seven years; Grade Principal, two years. At present Teacher of English and History in High School, Utica, Ohio.

Gay, Catherine Andrews
(Mrs. Carl Warren Gay)
B. A. (Wellesley College) 1901
M. A. 1903
233 Cornell Ave., Swarthmore, Pa.

Born at Gallipolis, Ohio, in 1880. Mar-

ried Carl Warren Gay, December 17, 1906. Attended Wellesley College, 1897-01, and was graduated in 1901 with the degree, Bachelor of Arts; attended Ohio State University, 1901-04, and received the degree, Master of Arts in 1903. Fellow in Chemistry, Ohio State University, 1902-03; Instructor in Chemistry, ibid., 1903-06. Member of Kappa Alpha Theta and Sigma Xi.

Gayman, Charles Welton
B. Ph. 1900 Principal High School
M. A. (Harvard University) 1904
2615 Scottwood Ave., Toledo, Ohio

Born at Canal Winchester, Ohio, October 12, 1871. Married Gertrude Harrington, January 1, 1901. Attended the Ohio State University, 1897-00, and was graduated in June 1900 with the degree, Bachelor of Philosophy; attended Harvard University, 1903-05, and received the degree, Master of Arts in 1904. Principal of High School, Van Wert, Ohio, 1900-03; Sub-Principal, English High School, Lynn, Massachusetts, 1904-06; Head of Department of History, Pittsburgh, Normal High School, 1906-09. Since 1909 Principal of Central High School, Toledo, Ohio. Member of Beta Theta Pi and Phi Beta Kappa.

Gearhart, Bert W. Attorney
420 New First National Bank Building, Columbus, Ohio

Born near Troy, Ohio, February 14, 1877. Married Rena Lamme, November 25, 1897. Attended the Ohio State University, 1903-05, and received a Certificate in Law in June 1905. Superintendent of Schools, Christiansburg, Ohio, four years; Instructor in Bankruptcy, Ohio State University, two terms; Member of Young Men's Christian Association Law Faculty; Member of Board of Examiners of general educational qualifications of candidates for admission to the Bar; Assistant City Solicitor, Columbus, Ohio, January 1, 1910 to January 1, 1912. Practicing Law in Columbus, Ohio, at the present time. Member of Masonic Order, and Odd Fellows.

Geddes, Donald Y. Civil Engineer
C. E. 1907 Contractor, Structural Steel
148 N. Sixth St., Zanesville, Ohio

Born in Chandlersville, Ohio, August 24, 1885. Married Lillian Brendel, October 20, 1909. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer. Civil Engineer, Ohio River & Western Ry. Co., 1906-07; Resident Engineer, Ohio State Highway Department, 1907-11; County Engineer, Muskingum County, Ohio, 1910-11; at present Contracting Agent, Mt. Vernon Bridge Company. Associate member of the American Society of Civil Engineers, member of Ohio Engineering Society, Knights Templar, Masons, and Delta Tau Delta.

Gehres, Hewitt Adam Mechanical Engineer
M. E. 1907
C. & G. Cooper Co., Mt. Vernon, Ohio

Born in Waverly, Ohio. Married Grace Freeman, October 12, 1910. Attended the Ohio State University, 1901-04, 1905-07, and was graduated in June 1907 with the degree, Mechanical Engineer. Draftsman, Jeffrey Manufacturing Company, Columbus, Ohio, 1904; with the Ralston Steel Car Company, Summers of 1905 and 1906, on cars and general plant work; with Swift Refrigerator Company two months 1907, on car work; Steel Work Inspector, Indiana Steel Company, Gary, Indiana, 1907-08; Draftsman on gas engines, Bethlehem Steel Company, Bethlehem, Pa, 1908-09; since September 1909 Gas Engine Designer, C. & G. Cooper Company, Mt. Vernon, Ohio. House address, 6 Third Avenue, Mt. Vernon Ohio.

Gehres, Loyd F.
Sales Agent, Publishing House
B. A. 1907
Owensboro, Kentucky

Born in Waverly, Ohio. Attended the Ohio State University, 1903-07, and was

graduated in June 1907 with the degree, Bachelor of Arts. Attended Summer School at Columbia University in 1908, 1909 and 1910. Principal of High School, Ottawa, Ohio, 1907-09; Principal of High School, Coshocton, Ohio, 1909-11; High School Representative, American Book Company, 1911. At present General Agent for the American Book Company in Western Kentucky.

Geissinger, James Allen Clergyman
B. A. 1895
1017 West 34th St., Los Angeles, Cal.

Born at Burbank, Ohio, October 14, 1873. Married Effie E. Bryan, June 12, 1895. Attended Ohio Wesleyan University, 1891-92; attended Ohio State University, 1892-95, and was graduated in June 1895 with the degree, Bachelor of Arts; attended University of Cincinnati two years, as graduate student in Economics, 1897-98; was Student in Art under Maurice Hague, 1890-91. Instructor in Latin, Ohio State University, Summer School, 1895; Pastor at Grosebeck, Ohio, 1895; Finley Chapel, Cincinnati, Ohio, 1896-98; Ripley, Ohio, 1899-00; Mt. Auburn, Cincinnati, Ohio, 1900-03 and part of 1904; Oxford, Ohio, 1904-05; El Paso, Texas, 1906; Phoenix, Arizona, 1907-08. Since 1909, University Church, Los Angeles. Lecturer in Cincinnati Training School, 1897-98 and 1901-04. Author of "Flight of Eliza," Ladies' Home Journal, September 1903; "Browning's Christmas Eve," "Ecclesiastes," and "The Christ of History and Religion," published at times in the Methodist Review, New York; "Robert Louis Stevenson, as an Interpreter of Life," Harvard Theological Review, January 1909. Frequent contributor to weekly periodicals. Member of Clerical Club, City Club, American Economic Association, and Examiner in Theology.

Genheimer, Eli T. High School Principal
B. Ph. 1896
Waco, Texas

Born in Wheelersburg, Ohio, July 16, 1868. Attended the Ohio State University, 1891-96, and was graduated in June 1896 with the degree, Bachelor of Philosophy; attended the University of Chicago four quarters. Principal of Schools at Alvarado, Burleson and Claude, Texas, 1898-05; Teacher of History in Waco High School, 1905-06. Since 1906, Principal of Waco High School, Waco, Texas. Member of Masonic Order, and Knights of Pythias.

Geren, Arthur G. Mercantile Business
1602 N. High St., Columbus, Ohio

Born in Columbus, Ohio, September 9, 1879. Attended the Ohio State University, 1898-99, Fall of 1899, Fall and Winter, 1901-02. Proprietor, Varsity Supply Company and Varsity Inn, North High Street, Columbus, Ohio; 32d Degree Mason, and Shriner.

Gerwick, Ben Clifford Concrete Engineer
C. E. 1906
Concrete Engineering Co., Boston, Massachusetts

Born in Zanesville, Ohio, October 16, 1883. Married Bernice Hughes Coultrap, June 20, 1911. Attended the Ohio State University, 1902-06, and was graduated in June 1906 with the degree, Civil Engineer. On surveying corps, R. R. location, two Summers; Railroad draftsman one Summer; in charge of corps, River & Harbor Survey for U. S. Government, one Summer; Instrumentman on bridge Construction, Western Pacific Railway Company, September 1906 to January 1908; Bridge Designer, Muskingum County, Ohio, January 1908 to July 1908; Assistant Engineer in charge of Bridge Construction, Western Pacific Railway Co., including Willow Creek Viaduct, July 1908 to March 1910; Designer and Construction Engineer on re-inforced concrete for E. L. Ransome, March 1910 to November 1911; at present, Re-inforced Concrete Engineer with Concrete Engineering Company of Boston, Massachusetts, specializing in "The

Ransome Unit System." He designed and built seven re-inforced concrete factory buildings under the Ransome Unit System, developing the idea to a practical building standpoint. House address, 27 Dennison Street, Roxbury, Boston, Mass.

Gibbs, George C. Coal Operator
B. Ph. (Northern Illinois College) 1889
B. A. 1893
New Straitsville, Ohio

Born at Racine, Ohio, July 31, 1866. Married Barbara A. Hazelton, June 14, 1899. Attended Northern Illinois College, Fulton, Illinois, two years, and was graduated in 1889, with the degree, Bachelor of Philosophy; attended Ohio State University, 1889-93, graduate work, 1893-94, and received the degree, Bachelor of Arts, in June 1893. Traveling salesman, Green, Joyce & Company, Columbus, Ohio, seven years; at present, Coal Operator at New Straitsville, Ohio. Member of Alpha Tau Omega, Masonic Lodge, United Commercial Travelers.

Giesy, Paul Miller Student
B. A. 1910
Ohio State University, Columbus, Ohio

Born in Cleveland, Ohio, in 1890. Attended the Ohio State University, 1906-12, and was graduated in June 1910, with the degree, Bachelor of Arts. At present, graduate student, Ohio State University. Member of Phi Beta Kappa and Sigma Xi.

Gilbert, Edward James Professor
M. E. 1910
Ohio State University, Columbus, Ohio

Born at Sandusky, Ohio. Attended the Ohio State University, 1903-07, 1908-09, Winter and Spring of 1910, and was graduated in June 1910, with the degree, Mechanical Engineer. Testing Engineer, Columbus Railway & Light Company, four months; Erecting Engineer, American Ship Windlass Company, Providence, Rhode Island, five months; Erecting Engineer, Fore River Ship & Engine Company, Quincy, Massachusetts, five months; at present, Instructor in Engineering Drawing, Ohio State University.

Gillen, Austin Peter Undertaker
The Gillen-McVean Undertaking Co.
11 to 17 Commerce Street
Youngstown, Ohio

Born at Youngstown, Ohio, February 18, 1871. Married Theresa Langdon, June 6, 1899. Attended the Ohio State University, 1891-94, in the College of Arts. President of The Standard Casket Hardware Company, President of The American Casket Company, and at present, President, The Gillen-McVean Undertaking Company of Youngstown, Ohio. Member of Elks, Knights of Columbus, C. M. B. A., and Sigma Chi.

Gillespie, Stanley Edgar Electrical Engineer
M. E. in E. E. 1910
Union Switch & Signal Company
Swissvale, Pa.

Born at Newtonville, Ohio, December 17, 1884. Attended the Ohio State University, 1903-04, 1905-07, 1909-10, and was graduated in June 1910, with the degree, Mechanical Engineer in Electrical Engineering. In Signal Department, Pennsylvania Lines, West of Pittsburgh, September 1907 to September 1909; Construction Department, Union Switch & Signal Company, July 1910 to July 1911; since August 1911, Engineer, Union Switch & Signal Company, Swissvale, Pa. Member of Gamma Phi, Eta Kappa Nu, and Sigma Pi. House address, 810 Coal Street, Wilkinsburg, Pa.

Gillie, George W. Veterinarian
634 Lawton Place, Fort Wayne, Ind.

Born at Wollands, Berwickshire, Scotland, August 15, 1880. Married Grace Merion, June 24, 1908. Attended Purdue University one year; attended Ohio State University, 1904-07, and received a Certificate in Veterinary Medicine in June 1907. Milk and Meat Inspector, Fort Wayne, Indiana, February 1, 1908, to

the present time; Deputy State Veterinarian since 1909; United States Registered Veterinarian since 1910. Member of the Scottish Rite Masons, 32d Degree, Indiana Veterinary Association, Fort Wayne Anti-Tuberculosis League, and Alpha Psi.

Goddard, Loring H.
C. E. 1892
Agricultural Survey of State of Ohio
Ohio Experiment Station,
Wooster, Ohio

Born in Washington County, Ohio, December 21, 1868. Married Ina B. Rogers, August 15, 1894. Attended the Ohio State University, 1887-92, and was graduated in June 1892, with the degree, Civil Engineer. At present, Chief of Department conducting Farm Management Investigations and Agricultural Survey of State of Ohio, at Ohio Experiment Station, Wooster. Has contributed articles to Experiment Station publications.

Godman, Leroy H. (Colored) Attorney
LL. B. (Howard University) 1905
204 St. Clair Ave., Columbus, Ohio

Born at Raleigh, North Carolina, September 4, 1879. Attended the Ohio State University, 1898-00; attended Howard University, Washington, D. C., 1901-05, and was graduated in 1905, with the degree, Bachelor of Laws. Assessor, Columbus, Ohio, 1900; admitted to the Bar 1906; served under U. S. Judge J. E. Sater, 1907-09; at present, Special Counsel in office of the Attorney General, State of Ohio. Associate member, National Association for the Advancement of Colored People, member of Masonic Order, Knights Templar, and Honorary member Alpha Phi Alpha.

Godown, Joseph A. Attorney
306 Eighteenth Ave., Columbus, Ohio

Born in Amlin, Ohio, June 24, 1872. Married Rachel Linton, September 1904. Attended the Ohio State University, 1895-96, in College of Arts, 1897-99 in College of Law, and received a Certificate in Law, June 1899. Since 1899, has been practicing law. Member of Phi Delta Phi.

Goodell, Alice Brooks Teacher
44 East Lincoln St., Columbus, Ohio

Born in Columbus, Ohio. Attended the Ohio State Universty, 1905-06, 1909-10, and Summers of 1905, 1906, 1909. At present, Teacher of History and Mathematics, West High School, Columbus, Ohio. Member of Mississippi Valley Historical Association, College Woman's Club, College Equal Suffrage League, Social Worker's Club, Young Women's Christian Association, Columbus Chapter, Daughters of American Revolution.

Goodell, Frank Herbert Draftsman
C. O. Bartlett & Snow Company
Cleveland, Ohio

Born at Xenia, Ohio, August 30, 1876. Married Cora M. von Au, October 15, 1901. Attended the Ohio State University, 1894-96, and two terms of 1899-00, in Engineering College. Structural-Mechanical and Mining Engineering since 1898. At present, Chief Draftsman, C. O. Bartlett & Snow Company, manufacturers of elevating and conveying machinery, Cleveland, Ohio. House address, 1687 E. 84th Street, Cleveland, Ohio.

Goodman, Joseph C. Mercantile Business
LL. B. (Yale University) 1894
LL. M. 1896
98 North High St., Columbus, Ohio

Born in Columbus, Ohio, February 26, 1873. Married Rosetta Feibel, June 26, 1902. Attended the Ohio State University, 1891-92, in College of Arts. Was graduated from Yale University in 1894, with the degree, Bachelor of Laws, and received the degree, Master of Laws, in June 1896, from the Ohio State University. Practiced Law from 1894 to 1898, then entered his present business, merchant jeweler. House address, 856 Bryden Road, Columbus, Ohio.

Goodman, Sylvester Jacob Surgeon
G. Ph. 1896 M. D. (Jefferson Medical College) 1900
238 East State St., Columbus, Ohio

Born in Uhrichsville, Ohio, in 1876. At-

tended the Ohio State University, 1893-96, and received the degree, Graduate in Pharmacy, in June 1896. Was graduated from Jefferson Medical College in 1900, with the degree, Doctor of Medicine. Graduate Student, University of Vienna and various clinics of Europe, 1911. House-Surgeon, Atlantic City Hospital, 1900; Surgeon, Actor's Fund of America; Past Medical Director, Associated Jewish Charities of Columbus, Ohio; Past Assistant to Chair Operative Surgery, Starling-Ohio Medical College; Past Examiner, Connecticut General Life Insurance Company; Past City Poor Physician, Columbus, Ohio; at the present, Surgeon and Director, Grant Hospital, Columbus, Ohio. Among his published articles are, "Genital Hemorrhage," 1896; "Choice of Anesthetics," 1900; "Hygiene of Menstruation," 1908, and others. Member of Masonic Order, Knights of Pythias, Columbus Academy of Medicine, Ohio State Medical Association, American Medical Association, Bnai Brith (Jewish), Alpha Kappa Kappa, and Theta Nu Epsilon, and Ptolemy.

Gordon, Sarah B.

(See Sarah Gordon Shuffelton)

Gorham, Ira Garfield Real Estate
B. A. 1904 LL. B. (University of Michigan) 1906
Lancaster, California

Born in Perrysville, Ohio, February 5, 1881. Married Daisy Shambaugh, September 5, 1908. Attended the Ohio State University, 1898-00, 1901-02, 1903-05, in College of Law, and part time in College of Arts, and was graduated in June 1904, with the degree, Bachelor of Arts; received the degree, Bachelor of Laws, from University of Michigan in 1906. Teacher of Mathematics, Manual Training High School, Indianapolis, Ind., 1906-07; Teacher of Mathematics in Yale School for Boys, Los Angeles, California, 1907-08; Principal of School, Lancaster, California, 1908-09; since 1909, Editor Antelope Valley Gazette and engaged in real estate business.

Gorman, Edwin W. Chemist
B. A. 1910
The Mathieson Alkali Company
Saltville, Virginia

Born at Lockland, Ohio, December 29, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Chemist in Laboratory of The Proctor & Gamble Co., six months; Assistant Experimental Chemist with The Mathieson Alkali Company, Saltville, Va.; transferred to Cheshire, Mass., by same company to conduct experiments in burning lime in a new and original kiln designed by that company, which position he now holds.

Gorrell, Emilie Cordelia Physician
B. A. 1906 M. D. (Starling-Ohio Medical College) 1909
New England Hospital, Boston, Mass.

Born in Bellaire, Ohio, April 1883. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Was graduated from Starling-Ohio Medical College in 1909, with the degree, Doctor of Medicine. At present, Interne, New England Hospital, Boston, Massachusetts. Member of Delta Delta Delta. Home address, 1240 Fair Avenue, Columbus, Ohio.

Gothlin, Mary Jean Teacher
B. Sc. Edu. 1910
112 Cherry Street, Lebanon, Ohio

Born in Allegheny, Pennsylvania, January 27, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Education. Supervisor of Art and Penmanship in Public Schools, Lebanon, Ohio, September 1910 to the present time. Member of Delta Delta Delta.

Gould, Joseph Edward
Superintendent Motive Power
Norfolk Southern Railway
Norfolk, Virginia

Born at St. Simon's Island, Georgia, January 9, 1866. Married Jessie Wilcox, November 14, 1892. Attended the Ohio State University, 1886-89. Assistant Master Mechanic, Pennsylvania Lines, Dennison, Ohio, 1894-98; General Foreman, Toledo & Ohio Central Ry., Columbus, Ohio, 1898-00; Master Mechanic, C. N. O. & T. P. Ry., Chattanooga, Tennessee, 1900-03; Master Mechanic, C. H. & D. Ry. Co., Lima, Ohio, 1903-05; Master Mechanic, C. R. I. & P. Ry., Goodland, Kansas, 1905; at present, Superintendent Motive Power, Norfolk & Southern Railway Co., Norfolk, Va. Member of Royal Arch Masons.

Gould, William Stewart Electrical Engineer
M. E. 1904
U. S. Reclamation Service, Lahontau, Nevada

Born in Cincinnati, Ohio, August 20, 1881. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer. Erecting Engineer, General Electric Company, 1904-07; Superintendent, Spencer, Indiana, Electric Company, 1907-08; Assistant Engineer of Maintenance, Philip Carey Company, 1908-11; at present, Electrical Engineer, U. S. Reclamation Service. Member of Kappa Sigma.

Gow, Montgomery Ronald Veterinarian
D. V. M. 1909
Experiment Station, Fayetteville, Ark.

Born at Cadillac, Michigan, in 1887. Attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Doctor of Veterinary Medicine. Since 1909, Assistant Veterinarian, Arkansas Agricultural Experiment Station, and engaged in active field work in the control of contagious and infectious diseases.

Graber, Carlisle Wynter Veterinarian
D. V. M. 1909
Mt. Eaton, Ohio

Born at Mt. Eaton, Ohio, September 15, 1883. Attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Doctor of Veterinary Medicine. Assistant to Wright & Merillat, Chicago, Ill., September 25, 1909 to December 21, 1911; since March 30, 1911, Assistant State Veterinarian in Illinois.

Grant, Ernest Holman Chemist
B. Sc. in Chem. Engr. 1910
U. S. Bureau of Chemistry
310 Custom House, New Orleans, Louisiana

Born in La Porte, Indiana, March 15, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Chemical Engineering. Since July 1910, Assistant Chemist, U. S. Bureau of Chemistry. Member of American Chemical Society, Association of Official Agricultural Chemists, and Sigma Xi.

Grant, Ruth Matilda Teacher
B. A. 1904
207 Seventh St., East Liverpool, Ohio

Born at Middleport, Ohio, October 7, 1881. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts. Teacher in High School at Cardington, Ohio, one year; since 1906, Teacher of Mathematics, High School at East Liverpool, Ohio. Home address, 1439 South High Street, Columbus, Ohio.

Graves, William Lucius Professor
B. A. 1893 M. A. 1897
Ohio State University, Columbus, Ohio

Born in Davenport, Iowa, April 4, 1872. Attended the Ohio State University, 1889-93, and was graduated in June 1893, with the degree, Bachelor of Arts. Received the degree, Master of Arts from the Ohio State University in June 1897. Instructor in

High School, Coshocton, Ohio, 1894-96; Member Department of English, Ohio State University, since 1896, and at present, Associate Professor in that department. Has written various poems for Scribner's, McClure's, Lippincott's, etc. Member of Modern Language Association of Ohio, The Ohio Club, Kit-Kat Club, Phi Beta Kappa and Beta Theta Pi. Chief of District VII., Beta Theta Pi.

Gray, Arthur Elder
Manufacturer, Construction Engineer
7078 Jenkins Arcade, Pittsburgh, Pa.

Born at Newark, Ohio, July 14, 1881. Married Ethel Fern Hahn, June 30, 1903. Attended Denison University, 1901-02; attended the Ohio State University, 1903-06, in the College of Engineering. With Signal Department, Pennsylvania Lines, West of Pittsburgh, July 1, 1906 to April 1, 1911; at present, Superintendent of Construction with Gray-Thurber Automatic Train Control & Signal Company of America, 7078 Jenkins Arcade, Pittsburgh, Pa. Member of Ohio State University Association of Pittsburgh. House address, 612½ Boquet St., Carnegie, Pa.

Gray, Genevieve
(See Genevieve Gray Rawson)

Gray, George Francis Research Engineer
M. E. in E. E. 1909
Power & Mining Dept. General Electric Co., Schnectady, New York

Born in Wheelersburg, Ohio, May 24, 1887. Married Carrie Gerlach, August 24, 1910. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. With General Electric Company since graduation: one year in Testing Department and in research work in connection with protective apparatus (lightning arresters, etc.). At present in Power & Mining Engineering Department, General Electric Company, Schnectady, New York. Member of American Institute of Electrical Engineers, and of Eta Kappa Nu and Sigma Xi.

Green, Blanche Skiles
(Mrs. Thomas J. Green)
Shelby, Ohio

Born at Shelby, Ohio, May 29, 1880. Married Thomas Jefferson Green, June 25, 1902. Attended the Ohio State University, 1897-00, in the Domestic Science Course. Member of Delta Delta Delta.

Green, Edward L. Fire Insurance
Cambridge, Ohio

Born at Cambridge, Ohio, October 1884. Attended the Ohio State University, 1902-04, in College of Arts. Special Agent for Connecticut Fire Insurance Company of Hartford, Connecticut. Member of Sigma Chi.

Green, Sarah Letty Professor
B. Sc. (Cornell University) 1895
M. A. 1911
Wilson College, Chambersburg, Pa.

Born in Ningpo, China. Attended Denison University in 1890; Cornell University, 1893-95, receiving the degree, Bachelor of Science in 1895; attended the Ohio State University, 1910-11, and was graduated in June 1911, with the degree, Master of Arts. Teacher of Science and Mathematics, Misses Mackie's School for Girls, Newburg, New York, 1895-99; The Montrose School, South Orange, New Jersey, 1899-04; since 1904, Department of Physical Sciences, Wilson College, Chambersburg, Pa. Member of American Association for Advancement of Science and the American Chemical Society. Home address, Granville, Ohio.

Greener, George Courtright
Ceramic Engineer
E. M. in Ceramics 1907
Copley Hall, Clarendon Street
Boston, Massachusetts

Born in Columbus, Ohio, in 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Engineer of Mines in Ceramics. Took Extension Courses at Brown University in 1908 and at Harvard University in

1909. Studied in the Columbus Art School, Rhode Island School of Design, and Boothbay Harbor Summer School. Ceramic Engineer for the Salmen Brick Company, 1907; Instructor in Claywork, Providence, R. I., Technical High School, 1908; at present, Head of Plastic Arts Department, The North Bennet Street Industrial School, a social-industrial institution, established for research and investigation along educational and social lines. Member American Ceramic Society.

Greener, Nelle Davis Teacher
B. A. 1909
993 Franklin Ave., Columbus, Ohio

Born in Columbus, Ohio, March 25, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Since 1909, Teacher of German and English, High School, Fremont, Ohio.

Greenlee, Arden Dean Chemist
B. Sc. (University of Pennsylvania) 1909
1833 Chestnut St., Philadelphia, Pa.

Born at McZena, Ohio, October 29, 1886. Attended the Ohio State University, 1905-07, in the College of Arts; attended University of Pennsylvania, 1907-09, and was graduated in 1909, with the degree, Bachelor of Science. Since 1909, Chemist, U. S. Department of Agriculture. Member of American Chemical Society, American Academy of Political and Social Science.

Griggs, Laura Tressel
(Mrs. Robert F. Griggs)
B. A. 1904
431 West Eighth Avenue,
Columbus, Ohio

Born in Washington, D. C., January 20, 1884. Married June 27, 1907, to Robert F. Griggs. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts. Member of Phi Beta Kappa.

Griggs, Robert Fiske Professor
B. Sc. 1903 M. A. (University of Minnesota) 1906 Ph. D. (Harvard University) 1911
Ohio State University, Columbus, Ohio

Born in Brooklyn, Connecticut, August 22, 1881. Married Laura Tressel, June 27, 1907. Attended the Ohio State University, 1899-01, 1902-03, 1905-06, and received the degree, Bachelor of Science, in June 1903. Attended University of Minnesota (Seaside Laboratory) 1905-07, and received the degree, Master of Arts, in 1906. Attended Harvard University, 1910-11, and received the degree, Doctor of Philosophy, in 1911. Assistant in Tropical Agriculture, U. S. Department of Agriculture, 1901-02, including trips to Porto Rico and Gautemala; Professor of Biology, Fargo College, Fargo, North Dakota, 1903-05; Special Agent, Department of Agriculture in Texas, 1904; since 1906, Assistant Professor of Botany, Ohio State University. Member of Sigma Xi.

Gromme, Irene
(See Irene Gromme Kirn)

Grosse, Simon John Clerk
B. A. 1911 B. Sc. Edu. 1911
Ohio Union, Ohio State University
Columbus, Ohio

Born in Cincinnati, Ohio, January 6, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degrees, Bachelor of Arts, and Bachelor of Science in Education. Since 1911, Assistant to the Secretary, Ohio State University Association, Columbus, Ohio. Member of Phi Beta Kappa.

Grossman, Henry M. Electrical Engineer
M. E. in E. E. 1908 Designer
The United Electric Co., Canton, Ohio

Born in Franklin County, Ohio, January 20, 1885. Married Elsie Louise Brown, June 17, 1911. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Mechanical

Engineer in Electrical Engineering. Testing Engineer, The Lincoln Electric Company, Cleveland, Ohio, July 1908 to April 1910; since April 1910, Designing Electrical Engineer, The United Electric Company, Canton, Ohio. Associate member of American Institute of Electrical Engineers, member of Eta Kappa Nu. House address, 817 Bellevue Avenue, Canton, Ohio.

Groves, John Wesley Civil Engineer
C. E. 1898
1351 Brown-Marx Building
Birmingham, Alabama

Born at Colfax, Indiana, June 11, 1871. Married Anna B. Hirst. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Civil Engineer. Engineer, Columbus & Hocking Coal & Iron Company, 1898; Instructor in Civil Engineering, Ohio State University, 1900; Engineer, Sunday Creek Coal Company, Corning and Athens, Ohio, 1901-02; Engineer, Boomer Coal Company, Boomer, West Virginia; Superintendent, Cardiff Coal Company; Superintendent, Carbon Coal Company, Carbon, W. Va.; Engineer, Technologic Branch of U. S. Geological Survey, 1905 to 1910, reporting on mines, coal washers, fuel waste and mine accidents, St. Louis, Denver and Pittsburgh. At present, Lecturer, Tennessee Coal Iron & Railroad Company, Birmingham, Alabama. Joint author of U. S. Geological Survey Bulletins on Coal Washing and Coke Tests at Denver, Colorado. Member of Ohio Engineering Society.

Groves, Sadie Pearl Student
B. A. 1911 M. A. 1911
Ohio State University, Columbus, Ohio

Born in Franklin County, Ohio, July 16, 1884. Attended the Ohio State University, 1907-11, and received the degrees, Bachelor of Arts and Master of Arts in 1911. Graduate of Reynoldsburg High School and taught five years in rural schools of Franklin County before entering Ohio State University. At present Graduate Student at the Ohio State University. House address, Shepard, Ohio.

Guerin, Martha
(See Martha Guerin Elden)

Gugle, Elizabeth Marie Teacher
B. A. 1897
20 The Scottwood, Toledo, Ohio

Born in Columbus, Ohio, in 1876. Attended the Ohio State University, 1893-97 and Summer of 1910, and was graduated in June 1897, with the degree, Bachelor of Arts. Attended Columbia University, Summer of 1911. Teacher, Alexandria, Indiana, 1898-99; Teacher, Columbus, Ohio, 1899-01; since 1901, Instructor in Mathematics, Central High School, Toledo, Ohio. Secretary of Mathematics Section of Central Association of Science and Mathematics Teachers. Member of Committee on Co-educational Secondary Schools, of International Commision on the Teaching of Mathematics.

Guild, Mary Blakiston Teacher
(Mrs. Wellington P. Guild)
B. Ph. 1893
1295 Fair Avenue, Columbus, Ohio

Born in New York, June 26, 1870. Married Wellington Preston Guild, June 1903. Attended the Ohio State University, 1887-89 and 1892-93, and was graduated in June 1893, with the degree, Bachelor of Philosophy. Teacher, Sullivant School, Columbus, Ohio, 1889-92; Teacher, High School, Mt. Vernon, Ohio, 1893-95; Teacher, East High School, Columbus, Ohio, 1895-03; at present Teacher in East High School. Preparing for publication a beginner's Latin book. Member of Y. W. C. A. Advisory Board, Ohio State University, Columbus Board Y. W. C. A., College Club of Columbus and Kappa Kappa Gamma.

Guiss, Charles Alfred Civil Engineer
C. E. 1905
Bucyrus, Ohio

Born at Sulphur Springs, Ohio, August 24, 1878. Attended Ohio Northern University, Ada, Ohio; attended Ohio State University, 1901-05, and was graduated in

June 1905, with the degree, Civil Engineer. City Civil Engineer, Bucyrus, Ohio, 1906-07; County Surveyor, Crawford County, Ohio, 1907-11; at present Engineering and Contracting, office at Bucyrus, Ohio. Member of Ohio Engineering Society.

Guittard, Claude Bernard Sales Manager
B. Ph. 1903
Granite Securities Co., Los Angeles, California

Born at New Bedford, Ohio, in 1876. Married Maud Charteris Hunter in 1909. Attended the Ohio State University, 1892-94, preparatory; 1895-96, 1899-03, in College of Arts, and was graduated in June 1903, with the degree, Bachelor of Philosophy; attended Georgetown University Law School. Librarian, U. S. Coast and Geodetic Survey, 1904-06; Chief of Periodical Division, Library of Congress, 1906-10; at present, Field Manager, Granite Securities Company, Los Angeles, California. Member of the American Library Association. House address, 2430 South Flower Street, Los Angeles, California.

Hadley, Frederick Brown Professor
D. V. M. 1907
University of Wisconsin, Madison, Wis.

Born in Burlington, Vermont, in 1880. Attended the Ohio State University, 1904-07, and was graduated in June 1907, with the degree, Doctor of Veterinary Medicine. Attended University of Chicago, Summer School, 1910. Instructor in Veterinary Science, Washington State College, 1907-08; Assistant Professor of Veterinary Anatomy and Surgery, Washington State College, 1908-09; Assistant Professor of Comparative Anatomy, Ohio State University, 1909-10; Assistant Professor of Veterinary Science, University of Wisconsin, 1910-11; since 1911, Associate Professor of Veterinary Science, University of Wisconsin. Member of Masonic Order, and Acacia.

Hadsell, Harry Irvin Sales Agent
B. A. 1908
Ginn & Company, 199 East Gay Street, Columbus, Ohio

Born in Lima, Ohio, July 1, 1882. Attended Hobart College, Geneva, New York, 1901-02; attended Ohio State University in Fall of 1901, 1902-03, Winter and Spring of 1907 and 1908, and was graduated in June 1908, with the degree, Bachelor of Arts; attended University of Chicago in 1908. Teacher, 1904-06; Clerk and Bookkeeper with Ginn & Company, publishers, 1906-09; at present High School and College Representative for Ginn & Company in Western Ohio. Member of Masonic Lodge.

Haeseler, Anne Teacher
B. A. 1904
276 Douglas Avenue, Springfield, Ohio

Born in Springfield, Ohio, September 27, 1883. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts. Teacher, in Public Schools, Springfield, Ohio, since graduation, and at present Teacher in the High School.

Hagemeyer, Earle Price Civil Engineer
C. E. 1905
The Baldwin Piano Company, Cincinnati, Ohio

Born in Covington, Kentucky, December 6, 1883. Attended the University of Cincinnati one year and the Ohio State University three years, and was graduated in June 1905, with the degree, Civil Engineer. At present with The Baldwin Company, Cincinnati, Ohio, manufacturers of pianos. House address, 2252 Jefferson Avenue, Norwood, Ohio.

Hagenbuch, Frank Real Estate
B. A. 1906
813 Center Street, Calgary, Alberta, Canada

Born in Urbana, Ohio, September 16, 1884. Married Grace Grant, September 8, 1908. Attended the Ohio State Univer-

sity, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Teller, American Trust & Savings Company, Springfield, Ohio; Cost Accountant, The Trump Manufacturing Company, Springfield, Ohio; Real Estate Agent, with Pegler & Darby, Calgary, Alberta, Canada. He is a Mason and a member of Beta Theta Pi.

Hagenbuch, George Edwin Attorney
B. Ph. 1903 L.L. B. 1905
1112 Citizens' Building,
Cleveland, Ohio

Born in Urbana, Ohio, October 8, 1881. Attended the Ohio State University, 1899-05, and was graduated in June 1903, with the degree, Bachelor of Philosophy, and in June 1905, with the degree, Bachelor of Laws. Engaged in the practice of Law since graduation, and now a member of firm, Bardwell & Hagenbuch, Cleveland, Ohio. He is a Mason, member of University Club of Cleveland, Beta Theta Pi, and Phi Delta Phi.

Hager, LeRoy W. Mercantile Business
733 North Wayne Street, Piqua, Ohio

Born in Piqua, Ohio, July 23, 1879. Married Sallie R. Ingham, April 29, 1903. Attended the Ohio State University, 1897-01. Was engaged on Engineering Corps, Western Ohio Railroad, Summer of 1901; Engineering Corps, Pennsylvania Railway, Indianapolis Division, October 1901 to December 1902; since December 1902, Dealer in artificial and natural ice. Member of Delta Upsilon.

Hagerman, William Roy Real Estate
Manvel, Brazoria County, Texas

Born at Wilmington, Delaware, June 11, 1883. Married Helen Brooks, February 15, 1911. Attended the Ohio State University, 1904-05, and from January 1906 to January 1907, in the College of Engineering. Assistant Engineer with Columbus & Hocking Coal & Iron Company, two years; at present Surveyor and Real Estate Agent for Emigration Land Company of Des Moines, Iowa, and Houston, Texas. Member of Kappa Sigma.

Hahn, George P. Attorney
LL. B. 1905
1007 Nicholas Building, Toledo, Ohio

Born at Napoleon, Ohio, June 26, 1879. Was married November 14, 1906. Attended the Ohio State University, 1899-02, in the College of Arts, and 1902-05 in the College of Laws, and was graduated in June 1905, with the degree, Bachelor of Laws. Member of Phi Delta Phi.

Haigler, Charles Edmund Professor
B. Sc. 1898
M. Sc. (Harvard University) 1909
Wentworth Institute, Boston, Mass.

Born in Fayette County, Ohio, October 24, 1872. Married Florence Derby, July 24, 1901. Attended the Ohio State University, 1894-98, and Summers of 1902 and 1903, and was graduated in June 1898, with the degree, Bachelor of Science. Attended University of Chicago, Summer 1900; attended Harvard University, Summer 1908 and college year 1908-09, receiving the degree, Master of Science, in 1909. Head of Science Department, Xenia High School, Xenia, Ohio, 1898-00; Physics Teacher, Central High School, Columbus, Ohio, 1900-03; Instructor in Mathematics and Physics, Michigan College of Mines, 1903-08; Instructor in Physics and Electrical Engineering, Michigan College of Mines, 1909-11; since 1911, Professor of Mathematics and Applied Science, Wentworth Institute, Boston, Massachusetts. House address, 90 Westbourne Terrace, Brookline, Mass.

Hakes, Zella Robinson
(Mrs. Otto F. Hakes)
B. Ph. 1898 M. A. 1901
533 Washington Avenue, Dunkirk, New York

Born at Champaign, Illinois, December 20, 1877. Married Otto Fitzlan Hakes, June 4, 1902. Attended Lasalle Seminary; attended the Ohio State University, 1897-98, and was graduated in June 1898, with the degree, Bachelor of Philosophy. Received the degree, Master of Arts in 1901.

***Hall, Harry P.**
E. M. 1889

Died, January 1912, in German Hospital, Philadelphia, Pa., following an operation.

Halverstadt, Clark J. Farmer
Leetonia, Ohio

Born at Leetonia, Ohio, July 29, 1879. Married Ada E. Zimmerman, September 9, 1903. Attended the Ohio State University, 1901-03, in the College of Agriculture. At present engaged in Farming at Leetonia, Ohio. Member of Alpha Zeta.

Hamilton, Frank Alexander Veterinarian
D. V. M. 1895
107 West Weber Avenue, DuBois, Pa.

Born at Rochester Mills, Indiana County, Pennsylvania, August 6, 1861. Was married October 5, 1887. Attended the Ohio State University, 1892-94, and received the degree, Doctor of Veterinary Medicine, in June 1895. Since August 1895, Practicing Veterinary Medicine, DuBois, Pennsylvania. Member of Pennsylvania Veterinary Medical Association. Since 1897, Agent for State Livestock Sanitary Board.

Hammond, Clarence I. Mercantile
Hamilton-Parker Fuel & Supply Co.
Columbus, Ohio

Born in Smithfield, Jefferson County, Ohio, February 13, 1886. Married Amber G. Danford, January 5, 1909. Attended the Ohio State University, 1904-08, and received a Certificate in Law in June 1908. Since March 1910, Secretary and Treasurer, The Hamilton-Parker Fuel & Supply Company, Columbus, Ohio. Member of Delta Chi. House address, 1862 Summit Street, Columbus, Ohio.

Hammond, Howard Spurr Professor
B. A. 1908
M. A. (University of Illinois) 1909
Agricultural College, New Mexico

Born in Goshen, Connecticut, January 18, 1885. Married Louise Kerr, August 4, 1909. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Attended the University of Illinois, 1908-09, and was graduated in June 1909, with the degree, Master of Arts. Instructor in Botany, University of Iowa, 1909-10; Assistant Professor of Biology, New Mexico Agricultural College, 1910-11; since 1911, Associate Professor of Biology and Acting Head of the Department, New Mexico Agricultural College. Among his published articles are, "Embryology of Oxalis Corniculata," 1908; "Some Midwinter Mosses," 1909. Member of American Association for the Advancement of Science, and of Gamma Alpha and Sigma Xi.

Hammond, Mary Elizabeth Bodman
(Mrs. Wilbur A. Hammond)
B. Ph. 1898
Bement, Illinois

Born in Bement, Illinois, January 28, 1876. Married Wilbur A. Hammond, October 11, 1906. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Bachelor of Philosophy. Teacher in eighth grade work, Public Schools, Bement, Ill., 1900-01; Teacher in eighth grade work and Latin, Public Schools, Bement, Ill., 1901-02; Presbyterian Mission Work, Guatemala City, Central America, 1904-05.

Hampton, Harry Horton Real Estate
2080 East 93rd Street, Cleveland, Ohio

Born at Columbus, Ohio, February 18, 1887. Married Faye Ambler, April 8, 1911. Attended the Ohio State University Fall 1904, 1905-06, Fall and Winter 1906-07. Real Estate Broker at Cleveland, Ohio, at the present time. Member of Phi Kappa Psi.

Hange, Frederick Loving Electrical Engineer
M. E. in E. E. 1906
Otis Elevator Co., Chicago, Illinois

Born at Lodi, Ohio, January 9, 1881. Was married August 1, 1909. Attended the Ohio State University, 1902-06, and

was graduated in June 1906, with the degree, Mechanical Engineer in Electrical Engineering. Students' Course, Western Electric Company, one year; Engineering Department of above company, one year; Department of Motive Power and Equipment, Illinois Traction System, one year; for two years and at present in Engineering Department, Otis Elevator Company, Chicago, Illinois. House address, 213 West Michigan Street, Chicago, Illinois.

Hannum, William Hamilton Missionary
B. A. 1887
M. A. (University of Chicago) 1908
Vengurle, Ratnagiri, India

Born at Lancaster, Ohio, July 22, 1863. Married Annabella Mulligan, July 1, 1890. Attended the Ohio State University, 1883-87, and was graduated in June 1887, with the degree, Bachelor of Arts; attended Union Theological Seminary, New York City, 1887-90; attended University of Chicago, 1907-08, and received the degree, Master of Arts in 1908. Secretary, Student Volunteer Movement, New York, 1888-90; Secretary, American Presbyterian Mission in Western India, 1890-96, 1900-1906; since 1908, President of same Mission; Statistician, Presbyterian Alliance of India, 1901-04; Statistical Clerk, Presbyterian Church in India, 1904-06, and since 1909 he has held that same position. Member of Phi Gamma Delta.

Hardy, Paul Mining Engineer
E. M. 1904
Holden, West Virginia

Born at Columbus, Ohio, January 7, 1877. Married Anne B. Huft, October 24, 1906. Attended the Ohio State University, 1898-01, Fall of 1901, 1903-04, and was graduated in June 1904, with the degree, Engineer of Mines. Chief Engineer, Columbus & Hocking Coal & Iron Company; Assistant Engineer, Mexican Coal & Coke Company; Engineer, U. S. Coal & Oil Company; at present General Manager, U. S. Coal & Oil Company, and subsidiary companies. Member of Sigma Chi.

Hare, Russell Ingman Attorney
B. A. 1905
LL. B. (Columbia University) 1910
38 Park Row, New York City

Born in Sandusky, Ohio, March 24, 1882. Married Florence Bright, August 30, 1911. Attended the Ohio State University, 1900-01, 1902-05, and was graduated in June 1905, with the degree, Bachelor of Arts; attended Columbia University Law School, 1907-10, and received the degree, Bachelor of Laws in 1910. In Daily Newspaper work, Muskogee, Oklahoma, 1905-06; Government Service, U. S. Indian Agency, Muskogee, Oklahoma, 1906, 1907; Admitted to New York Bar in January 1910; Counsel and Legislative Secretary, North American Civic League for Immigrants, a philanthropic corporation of New York City, 1910-11; at present, Attorney-at-Law, 38 Park Row, New York City. He has published "Manual of Laws of New York State Affecting Immigrants." Member of Ohio Society of New York, Secretary-Treasurer, Ohio State University Association of New York, member of Sigma Alpha Epsilon. Lecturer on Immigration. House address, 800 East 173rd Street, New York City.

Harford, Fred L. Mercantile Business
B. A. 1895
International Harvester Co.,
Springfield, Ohio

Born in Springfield, Ohio, August 6, 1887. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. At present with the International Harvester Company, Springfield, Ohio. Member of Masonic Lodge and Phi Beta Kappa.

Harlor, John David High School Principal
B. A. 1895
1409 Franklin Ave., Columbus, Ohio

Born at Commercial Point, Ohio, May 29, 1867. Married Alice McLeod, December 23, 1891. Attended Wooster University one and a half years and the Ohio State University, 1893-95, and was grad-

uated in June 1895, with the degree, Bachelor of Arts. Five years' experience as teacher before graduation and continuous experience as teacher since. Principal of East High School, Columbus, Ohio, at the present time.

Harmount, Timmons Mercantile Business
The Harmount Tie & Lumber Co.,
Chillicothe, Ohio

Born at Greenland, Ross County, Ohio, September 13, 1868. Was married August 1, 1888. Attended the Ohio State University, 1893-94, and received a Certificate in Law in 1894. Practiced law eight years. At present, Proprietor, The Harmount Tie & Lumber Company, Chillicothe, Ohio. Member of Ross County Board of Elections six years and Masonic Lodge.

Harned, Robey Wentworth
B. Sc. Agr. 1906
Professor, Entomologist
Mississippi Agricultural & Mechanical College, Agricultural College, Miss.

Born in Charles County, Maryland, July 16, 1884. Married Edna Johnson, October 24, 1911. Attended Franklin College, New Athens, Ohio, 1901-02; attended Ohio State University, Columbus, Ohio, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Science in Agriculture; attended Cornell University, Ithaca, New York, Summer Term 1908. Assistant in Biology at Mississippi Agricultural and Mechanical College, and Assistant Biologist of the Experiment Station, 1906-07 and 1907-08; Acting Professor of Zoology and Entomologist of same institutions, 1908-09 and 1909-10; since 1910, Professor of Zoology and Entomologist. He is the author of "The Boll Weevil in Mississippi," 1910, a bulletin of the Experiment Station, and various articles for other publications on Entomological subjects. Member of American Association of Economic Entomologists, Entomological Society of America, American Breeders' Association, American Nature-Study Society, American Association for the Advancement of Science.

Harriman, Whedon Stores Mercantile,
B. A. 1907 Post Cards
457½ N. High Street, Columbus, Ohio

Born at Vinyard Haven, Massachusetts, October 7, 1885. Married Gertrude Ewing, July 7, 1907. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. At present in wholesale post card business, Columbus, Ohio.

Harrington, Alfred Lewis
M. E. in E. E. 1905 Electrical Engineer
General Electric Company,
Wilmington, Delaware

Born at Reading, Massachusetts, May 6, 1880. Attended the Ohio State University, 1900-03, 1904-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Construction Engineer, General Electric Company, Wilmington, Delaware; work confined largely to heavy electrical construction for central stations, railways and industrial works, high tension work and operating. Associate Member of American Institute of Electrical Engineers.

Harrington, Harry Franklin Professor
B. A. 1905
M. A. (Columbia University) 1909
Ohio State University, Columbus, Ohio

Born in Logan, Ohio, July 25, 1882. Attended the University of Wooster, 1899-01; attended Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts; attended Columbia University, 1908-09, and was graduated in June 1909, with the degree, Master of Arts. University Reporter for Ohio State Journal, 1901-04; Editor, London Times, London, Ohio, 1905-08; employed at various times on the Ohio State Journal, Columbus, Ohio; Instructor in English, Ohio Wesleyan University, 1909-10; since 1910, Assistant Professor of English, Ohio State University. He has contributed articles on journalistic subjects to the "Western Publisher," "Buckeye Printerdom," "American Press," "Pub-

lishers' Auxiliary," "O. S. U. Quarterly," series of travel sketches in Ohio State Journal, and is co-author of a manual in newspaper making. Member of Buckeye Press Association, Ohio College Press Association, Columbus Press Club, Ohio Club, Kit-Kat Club, Alpha Tau Omega and Sigma Delta Chi. Was a special University Scholar in English at Columbia University.

Harris, Ernest Dalton Professor
D. V. M. 1908
North Dakota Agricultural College, Agricultural College, Cass County, North Dakota

Born in Warren County, Ohio, November 14, 1870. Married Carrie E. Carroll, March 14, 1893. Attended National Normal University, Lebanon, Ohio, 1889-90; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Doctor of Veterinary Medicine. Federal Veterinary Inspector at Chicago for Bureau of Animal Industry, July 1908 to July 1909; since July 1909, Assistant Professor of Veterinary Science, North Dakota Agricultural College. Member of Veterinary Medical Society.

Harris, Walter Conger Journalist
B. A. (Miami University) 1891
B. Sc. 1893
M. A. (Miami University) 1896
Manager Photograph Department, New York World, New York City

Born at Eton, Ohio, August 17, 1870. Was married October 1898. Attended Miami University, 1888-91, and was graduated in 1891, with the degree, Bachelor of Arts; attended Ohio State University, 1891-93, and was graduated in June 1893, with the degree, Bachelor of Science. Electrical work, Columbian Exposition, Chicago, 1893; Photographic work, Metropolitan Museum of Art, New York, 1893-04; with Art Department, New York Herald, 1894-01; First Staff Photographer of above paper and first staff photographer in New York; manager of Photograph Department New York Herald. Since 1901 Manager Photograph Department, New York World. Member of Phi Delta Theta. House address, 1588 East 19th Street, Brooklyn, New York.

Harrison, William Waddington Banker
Florence, Colorado

Born at Scio, Ohio, April 15, 1875. Attended Scio College, 1898-02; attended Ohio State University, 1902-03, in the College of Law. Admitted to the practice of Law in Ohio, June 10, 1903; Practiced Law at Cadiz, Ohio, 1905-08; with Fourth National Bank, Cadiz, Ohio, November 1908 to November 1909; Cashier People's National Bank, Adena, Ohio, November 1909 to January 1911; at present, Cashier, First National Bank, Florence, Colo.

Harshman, John Burnett Attorney
B. A. 1904 LL. B. 1907
709-715 U. B. Building, Dayton, Ohio

Born in Zimmerman, Greene County, Ohio, November 20, 1882. Attended the Ohio State University, 1900-07, and was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1907, with the degree, Bachelor of Laws. At present a Practicing Attorney in Dayton, Ohio. Has written "Health Laws of Ohio and Dayton," published December 1, 1909. Associate Editor of Delta Chi Quarterly since 1906. Member of Masonic Order, and of Delta Chi.

Hart, Harry Maurice
U. S. Department of Agriculture, Bureau of Animal Industry
P. O. Box 255, Douglas, Arizona

Born at Columbus, Ohio, September 13, 1883. Attended the Ohio State University, 1903-06, and received a Certificate in Veterinary Surgery in June 1906. Inspector for Arizona-Mexican border, U. S. Department of Agriculture, Bureau of Animal Industry. Member of Elks Lodge.

Hartman, Oscar Rudolph
M. E. 1910 Mechanical Engineer
Bates Valve Bag Co., Toledo, Ohio

Born at Woodville, Ohio, September 13, 1886. Attended Capital University, Co-

lumbus, Ohio, 1905-06, and the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Mechanical Engineer. Since 1910, Mechanical Engineer, Bates Valve Bag Company, Toledo, Ohio. House address, 1139 Michigan Avenue, Toledo, Ohio.

Harvey, Emery Wayland Sales Agent,
B. Ph. 1896 Publishing House
D. C. Heath & Co., 239 W. 39th St.,
New York City

Born in Maryville, Missouri, August 26, 1870. Married Frances E. Nichols, February 17, 1900. Attended Ohio Wesleyan University, 1887-88; attended Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy. Teacher, Cleveland, Ohio, 1896-98; Superintendent of Schools, Kirtland, Ohio, 1898-99; Instructor, Stevens Institute, Hoboken, New Jersey, 1899-01; since 1901, General Agent, D. C. Heath & Company, 239 W. 39th St., New York City. Member Graduates' Club, New York; Ohio State Association of New York, and of Delta Tau Delta. House address, Camp Hill, Pennsylvania.

Harvey, George Henry Engineer
C. E. 1910
Canadian Niagara Power Company
Niagara Falls, Ontario, Canada

Born in Jacksonville, Ohio, November 23, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Civil Engineer. With Columbus Structural Steel Company, June 1909 to September 1909; Ohio State Highway Department, June 1910 to July 1911. Since July 1911, Engineer, Canadian Niagara Power Company, Niagara Falls, Ontario, Canada. Member of Sigma Pi.

Hatfield, Clifford Christian Y. M. C. A.
B. Sc. Agr. 1904 Secretary
Secretary International Committee
Y. M. C. A., New York City

Born in Lebanon, Ohio, August 29, 1878. Married Veada Kemper, August 10, 1905. Attended the Ohio State University, 1899-04, and was graduated in June 1904, with the degree, Bachelor of Science in Agriculture. Secretary, Ohio State University, Y. M. C. A., Columbus, Ohio, 1904-06; State Secretary, County Work, Ohio Y. M. C. A., 1906-11; after April 1, 1912, Secretary International Committee, Y. M. C. A. for Rural Work, office in New York City. Member of Alpha Zeta.

Hatton, Otis C. Principal High School
B. A. 1910
Covington, Ohio.

Born at Unionville Center, Ohio, November 12, 1886. Attended the Ohio Wesleyan University 1904-05; attended Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Teacher, 1905-07; since 1910, Principal of High School, Covington, Ohio.

Hauck, Fred K. Chemist
B. Sc. in Chem. Engr. 1911
Grasselli Chemical Company
Elizabeth, New Jersey

Born in Springfield, Ohio, February 20, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Chemical Engineering. At present Analytical Chemist with Grasselli Chemical Company, Elizabeth, N. J. Member of The American Chemical Society.

Haughton, Edna Mitchell Stenographer
B. Sc. Dom. Sci. 1910
1616 Hunter Avenue, Columbus, Ohio

Born at Martin's Ferry, Ohio, October 14, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science; attended Columbus Business College, five months. Teacher in Domestic Science, Domestic Art and Grade Work, Eaton, Ohio, January 2, 1911 to May 26, 1911; at present Stenographer and Clerk, Aetna Life Insurance Company, 209-210 Hartman Building, Columbus, Ohio.

Haverfield, Melvin George Mining Engineer
E. M. 1911
Cia Metalurgica Mexicana, Apartado 132, San Luis Potosi, S. L. P. Mexico

Born at Cadiz, Ohio, September 12, 1886. Attended Miami University one year; attended Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Engineer of Mines. Since July 1911, Mining Engineer with Cia Metalurgica Mexicana, at Cerro de San Pedro Mines, San Luis Potosi, Mexico. Member of Delta Tau Delta.

Hayden, Cassius Clay
Ohio Experiment Station
B. Sc. Agr. 1901 M. Sc. Agr.(University of Illinois) 1909
Ohio Experiment Station, Wooster, Ohio

Born in Perry County, Ohio, December 1, 1871. Attended the Ohio State University, 1896-00, and was graduated in June 1901, with the degree, Bachelor of Science in Agriculture; received the degree, Master of Science in Agriculture, from University of Illinois in 1909. Engaged in practical work one year; Assistant in Dairy Husbandry, University of Illinois, and at the Experiment Station, August 1903; Instructor, Associate and Assistant Professor of Dairy Husbandry and Assistant Chief in same, ibid.; Acting Head of Department of Dairy Husbandry, ibid.; since April 1, 1912, Head of Dairy Department, Ohio State Experiment Station, Wooster, Ohio. Member of Sigma Xi.

Hayes, Robert Lee Manufacturer, Carriages
R. L. & M. H. Hayes, Columbus, Ohio

Born in Columbus, Ohio, May 4, 1877. Married Mabel Harris, October 29, 1902. Attended the Ohio State University, 1894-97 and Fall and Winter 1897, in the College of Engineering. In carriage business, firm of R. L. & M. H. Hayes, 203 East Town Street, Columbus, Ohio, since leaving college. House address, 1539 Clifton Avenue, Columbus, Ohio.

Hazlett, Robert Postmaster
C. E. 1887
Wheeling, West Virginia

Born at Wheeling, West Virginia, December 24, 1863. Married Anne M. Cummins, March 18, 1909. Attended the Ohio State University, 1883-87, and was graduated in June 1887, with the degree, Civil Engineer. Assistant Engineer, Wheeling Bridge & Terminal Railway Company, 1888-91; Engineer, Washington & Arlington Electric Railway Company of Washington, D. C., 1891-93; in engineering work in New York City, 1893-95; Engineer for Wheeling & Elm Grove R. R., Parkersburg Gas & Electric Ry. Co. of Parkersburg, Fairmont & Clarksburg Ry. and Pan Handle Traction Company, 1895-10; appointed Postmaster of Wheeling, W. Va., January 21, 1911, which position he now holds. Member First Branch Wheeling City Council, 1897-99; Member Second Branch Council, 1901-03; Engineer for Ohio County, West Virginia, 1897-03; Member West Virginia House of Delegates, 1905-07; Member West Virginia Senate, 1907-11; Vice-President for West Virginia of National River & Harbor Congress, 1908-09; Member of West Virginia State Republican Committee, 1909-11. Director of People's Bank of Wheeling, Wheeling & Belmont Bridge Company of Wheeling, and Wheeling Board of Trade. Trustee of Davis-Elkins College, Elkins, West Virginia. Associate member American Society of Civil Engineers, member of Sigma Chi. House address, 921 Main Street, Wheeling, W. Va.

Heaton, Merton T. Civil Engineer
605 Nicolaus Building
Sacramento, California

Born at Richmond Dale, Ohio, October 7, 1879. Attended Salem Academy 1896-97; attended Ohio State University 1897-98, 1900-02, in the College of Engineering; attended Ohio Normal University, 1899; attended Oberlin College 1900. With Scioto Valley Traction Company, September 1902 to August 1903; with

Missouri Pacific Ry. Co., September 1903 to March 1906; Mine surveying and operation, in Nevada, March 1906 to May 1909; Municipal Improvements, City of Calgary, Canada, May 1909 to November 1909; with Central California Traction Company in 1910; Northern Electric R. R. Co. 1911. At present Assistant Engineer, Vallejo & Northern R. R. Co.

Hebble, Charles Roy Manufacturer
M. E. in E. E. 1896
Indian Refining Company, 17 Battery Place, New York Cty

Born at Fairfield, Ohio, October 7, 1874. Married Edna Brooks Murray, May 31, 1900. Attended the Ohio State University four years, Fall 1891, Winter and Spring 1893, and years 1893-96, and was graduated in June 1896, with the degree, Mechanical Engineer in Electrical Engineering. With Diemer & Hebble, Cincinnati, Ohio; Whitmer & Hebble, Xenia, Ohio; General Sales Manager, The World Manufacturing Company, Cincinnati, Ohio; Western Manager, Automobile Departpart, Indian Refining Company, Cincinnati and New York City; at present Station Supervisor, Indian Refining Company, 17 Battery Place, New York City. Member of Ohio Consistory and Scottish Rite Masons. House address, 6308 Ridge Avenue, Cincinnati, Ohio.

Hedges, Hazel Gertrude Teacher
B. A. 1911
Hopedale, Ohio

Born in Ashville, Ohio, July 24, 1890. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. Since 1911 Teacher of Mathematics, Hopedale, Ohio. Member of Delta Delta Delta. House address, 35 Twelfth Avenue, Columbus, Ohio.

Heckin, Robert E. Mercantile, Spices
The Heekin Spice Company, Cincinnati, Ohio

Born at Cincinnati, Ohio, September 25, 1883. Married Laura I. Foy, June 9, 1908. Attended the Ohio State University 1902-03, in the College of Arts, Spring of 1904 and Fall of 1904 in the College of Law. With The Heekin Spice Company, Cincinnati, Ohio, since leaving college; a present General Manager of same. Member of Sigma Alpha Epsilon, Phi Delta Phi and Theta Nu Epsilon.

Heitmann, Albert Henry Professor
M. E. in E. E. 1909
Ohio State University, Columbus, Ohio

Born in Columbus, Ohio, November 19, 1884. Attended the Ohio State University, 1904-07, 1908-09, 1910-11, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. Electrician with Ralston Steel Car Company and the M. C. Lilley Company, Columbus, Ohio, 1907-08; Apprentice, Westinghouse Electric & Manufacturing Co., 1909-1910; Assistant in Electrical Engineering Department, Ohio State University, 1910-11. Since 1911, Instructor in Electrical Engineering Department, Ohio State University. Member of Eta Kappa Nu and Sigma Xi.

Helms, Mary Harris Teacher
B. A. 1911
Box 36, East Palestine, Ohio

Born in Steubenville, Ohio, September 8, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Teacher of German and Latin, High School, East Palestine, Ohio.

Helpbringer, James Nelson
M. E. in E. E. 1911 Electrical Engineer
Columbus Municipal Light Plant
Columbus, Ohio

Born at Glencoe, Belmont County, Ohio, September 25, 1889. Attended the University of Lebanon one term, in 1907; attended Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical En-

gineering. Summer 1910, with General Electric Company, Buffalo; after graduation, six months, in Power Plant work for James R. Cravath of Chicago, at Harrisburg, Illinois. At present Electrical and Mechanical Engineer, Columbus Municipal Light Plant, Columbus, Ohio. Member of American Institute of Electrical Engineers and Delta Kappa. House address, 332 W. Ninth Avenue, Columbus, Ohio.

Hendrix, Byron Murray Chemist
B. Sc. Agr. 1909
U. S. Department of Agriculture
Washington, D. C.

Born in Gratis, Preble County, Ohio, May 16, 1886. Attended the Ohio State University, 1905-10, and was graduated in June 1910, with the degree, Bachelor of Science in Agriculture. Assistant in Agricultural Chemistry, Ohio State University, 1909-10; since 1910, Assistant Chemist, Bureau of Chemistry, U. S. Department of Agriculture. Special student at George Washington University in 1911. Member the American Chemical Society, Association of Official Agricultural Chemists, Chemical Society of Washington, and Delta Theta Sigma.

Hendrix, Wilbur Jordan Professor
B. Sc. Agr. 1910
University of Missouri, Columbia, Mo.

Born in Gratis, Ohio, August 2, 1883. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Agriculture. Since 1910, Assistant in Agronomy, University of Missouri, Columbia, Mo. Member of Delta Theta Sigma.

Hengst, James McCleery Attorney
B. A. 1904 LL. B. 1907
1101-1106 Harrison Building
Columbus, Ohio

Born at Lancaster, Ohio, March 29, 1884. Attended Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts; attended University of Michigan, Law School, Summer session of 1905; attended Ohio State University 1905-07, and received the degree, Bachelor of Laws in June 1907. Attorney-at-Law since 1907. Now member of firm of Lentz, Karns, Linton & Hengst, Columbus, Ohio.

Henkle, Samuel D. County Surveyor
Waynesville, Warren County, Ohio

Born at Waynesville, Ohio, August 18, 1877. Married Nellie W. Duke, March 1906. Attended Normal University, Lebanon, Ohio, one year; attended Ohio State University, 1904-05, in the College of Agriculture. For five years and at present, County Surveyor, Warren County, Ohio. Member of Odd Fellows, Masons, Elks and Knights Templar.

Herbert, Charles Thomas Attorney
LL. B. 1897
2225 West Thirtieth Street
Los Angeles, California

Born in Columbus, Ohio, in 1873. Married Marion Louise Ewing in 1902. Attended the Ohio State University, 1891-04, in the Engineering College, 1894-97, in the College of Law, and was graduated in June 1897, with the degree, Bachelor of Laws. He has practiced Law since graduation and is at present Secretary, Board of Park Commissioners, Los Angeles, California. Private, Battery H, First Ohio Volunteer Light Artillery. Member of Beta Theta Pi.

Herms, William Brodbeck Professor
B. Sc. (German Wallace College) 1902
M. A. 1906
University of California
Berkeley, California

Born in Portsmouth, Ohio, September 22, 1876. Married Lillie C. Magly, June 14, 1902. Was graduated from German Wallace College in 1902, with the degree, Bachelor of Science. Attended the Ohio State University, 1905-07, and was graduated in June 1906, with the degree, Master of Arts. Instructor, German Wallace College, 1902-05; Fellow in Zoology, Ohio

State University, 1905-06; Instructor in Experimental Zoology, Ohio State University, Lake Laboratory, Summer sessions of 1907 and 1908; Acting Head Department of Zoology, Ohio Wesleyan University, 1906-07; Edward Austin Fellow in Zoology, Harvard University, 1907-08; Assistant Professor of Entomology, University of California, 1908; since 1908, Assistant Professor of Entomology, University of California, and Professor of Zoology and Parasitology, San Francisco Veterinary College. He has published "An Ecological and Experimental Study of Sarcophagidae," journal Exp. Zoology, Vol. 4, No. 1, 1907; "How to Control Mosquitoes, with Special Reference to Anopheles," California State Board of Health bulletin, Vol. X, No. 11, 1910; "The Reaction of Sarcophagid Flies to Light," journal of Exp. Zool. Vol. 10, No. 2, 1911; "The Housefly in its Relation to Public Health," Bulletin No. 215, University of California Experiment Station, 1911. Member American Association for Advancement of Science, Ohio Academy of Science, California Academy of Science and of Sigma Xi, Alpha Zeta and Beta Kappa Alpha.

Herrick, Ethel
(See Ethel Herrick Thompson)

Hertner, John H. Electrical Engineer
M. E. in E. E. 1899
The Western Electric & Mfg. Co.
Box 17, Beach Park,
Lorain County, Ohio

Born in Williams County, Ohio, January 17, 1877. Married, November 20, 1908. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Mechanical Engineer in Electrical Engineering. With the Lincoln Electric Company, Western Electric Company, and The Engineer, 1899-01; Partner in Hertner Electric Company, 1901-06; since 1906, President, The Western Electric & Manufacturing Company, also Engineer, since 1907, Rauch & Lang Cage Co. Has acted as Electrical Editor of The Engineer, and has contributed a few articles to technical magazines. Member, American Institute of Electrical Engineers, Society of Automobile Engineers, and the Chamber of Commerce, Cleveland, Ohio.

Hesse, George Ernest Student
B. A. 1910
105 Livingston Hall, Columbia University, New York City

Born at Shawnee, Ohio, in 1886. Attended Ohio University, Athens, Ohio, 1905-06; attended Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts; attended Columbia University, 1911-12. In printing business, Glouster, Ohio, 1903-05; Reporter, Athens Messenger, 1905-06; Ohio State Journal, Columbus, Ohio, 1909; Columbus News, Columbus, Ohio, 1910; Compositor and advertising solicitor, Columbus Dispatch, Columbus, Ohio 1907-10; Instructor in English, High School, Mt. Vernon, Ohio 1910-11; at present, Director, The Pfeifer Show Print Company, Columbus, Ohio, and Graduate Student in English, Columbia University, New York City. Among his publications are, "Teaching English," in The Ohio Educational Monthly, also articles on technical subjects in The Practical Printer, The American Printer, The Inland Printer, and The National Printer-Journalist Now engaged on a volume, "The University Presses in America." Member of Masonic Order and Eastern Star. Scholarship at Columbia University.

Hickson, Dean M. Teacher
B. A. 1910 M. A. 1911
Lancaster, Ohio

Born in Ashley, Ohio, September 25, 1881. Attended the Ohio State University, 1906-11, and was graduated in June 1910, with the degree, Bachelor of Arts, and in 1911, with the degree, Master of Arts. At present, teaching in the High School, Lancaster, Ohio. Member of Masonic Order, and of Acacia.

Hidden, Harry Stuart Chemist
B. A. 1906
Grasselli Chemical Company
Grasseli, New Jersey

Born at Madisonville, Ohio, July 9, 1882. Attended the Ohio State University, 1901-06, and was graduated in June 1906, with the degree, Bachelor of Arts. With Tennessee Zinc Company, New Tazenell, Tennessee, July 1, 1906 to December 1, 1906; Jeffrey Manufacuring Company, Columbus, Ohio, March 14, 1907 to December 15, 1908; since December 1908, Grasselli Chemical Company, Grasselli, New Jersey. Member of Elks Lodge, and Odd Fellows. House address, 159 Franklin St., Elizabeth, New Jersey.

Higginbottom, Samuel Teacher
B. A. (Princeton University) 1903
M. A. (Princeton University) 1911
B. Sc. Agr. 1911
Christian College, Allahabad, India

Born at Manchester, England. Married Ethelind Cody, Cleveland, Ohio, October 1904. Attended Amherst College, two years; attended Princeton University two years, receiving the degree, Bachelor of Arts, in 1903, and the degree, Master of Arts, in 1911; attended Ohio State University, 1909-11, and was graduated in June 1911, with the degree, Bachelor of Science in Agriculture. Teacher of Economics, Christian College, Allahabad, India, 1903-09; Hon. Supt. Naini Leper Asylum, Allahabad, India, 1904; since 1911, Superintendent of Agricultural Department, Christian College, Allahabad, India. Author of articles on economic and social conditions in India, Sunday School Times, Record of Christian Work, etc. Member of Clio Hall, Princeton University. At present, devoting his energies to helping develop natural resources of India.

Hill, Ercell Channing Ceramic Engineer
Cer. Engr. 1911
401 Vernon Avenue, Long Island City, New York

Born at New Salem, Ohio, April 8, 1887. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Ceramic Engineer. Research Department, Pittsburgh Plate Glass Company, as Assistant Chemist, June 1911 to February 1912; at present, Assistant Chemist, New York Architectural Terra Cotta Company.

Hill, Frank Edwin Physician
B. Sc. 1886 M. D. (Medical College of Ohio) 1890
315 West Jackson Street, Muncie, Ind.

Born at Felicity, Ohio, March 4, 1862. Was married June 12, 1890. Attended the Ohio State University, 1881-82, 1882-86, two years preparatory, and was graduated in June 1886, with the degree, Bachelor of Science; attended Medical College of Ohio and received the degree, Doctor of Medicine, in 1890. At present, Practicing Medicine at Muncie, Indiana. Member of Delaware County Medical Society, Eighth District Medical Society, Indiana State Medical Society, American Medical Association, and Chi Phi.

Hill, Mary
(See Mary Hill Kern)

Hill, Raymond Ward Architect, Draftsman
C. E. in Arch. 1909
Willoughby, Ohio

Born at Willoughby, Ohio, April 14, 1884. Attended the Ohio State University, 1903-05, 1906-07, 1908-09, and was graduated in June 1909, with the degree, Civil Engineer in Architecture. Draftsman with American Clay Machine Company, Willoughby, Ohio.

Hinckley, Martha Elizabeth
B. A. 1908 Principal High School
North Fairfield, Huron County, Ohio

Born at North Fairfield, Ohio, February 4, 1884. Attended the Ohio State University, 1903-05, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Principal and teacher of Mathematics and Latin, Risingsun, Ohio, 1908-11; since 1911, Principal and teacher of Latin, German and English, Creston, Ohio.

Hipple, John Merton Electrical Engineer
M. E. in E. E. 1898
Industrial Division, Westinghouse Electric and Manufacturing Company, Pittsburgh, Pennsylvania

Born in Jefferson, Ohio, October 22, 1876. Married Edith V. Hunter, October 9, 1902. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Mechanical Engineer in Electrical Engineering. Designing Engineer, Westinghouse Electric & Manufacturing Company; now Division Engineer, Industrial Division, Westinghouse Electric & Manufacturing Company. Member of Sigma Alpha Epsilon. House address, 121 Trenton Avenue, Wilkinsburg, Pennsylvania.

Hirsch, Frieda Teacher
B. Sc. Dom. Sci. 1905 B. A. 1906
1060 S. Front Street, Columbus, Ohio

Born in Columbus, Ohio, in 1884. Attended the Ohio State University, 1901-06, and was graduated in June 1905, with the degree, Bachelor of Science in Domestic Science; received the degree, Bachelor of Arts, in June 1906. At present, Instructor of Domestic Science, Ohio State School for the Blind. Member of Delta Delta Delta.

Hirsch, Gustav Consulting Engineer
M. E. in E. E. 1897
956 Jaeger Street, Columbus, Ohio

Born in Columbus, Ohio, November 4, 1876. Married October 18, 1899. Attended the Ohio State University, 1893-97, and was graduated in June 1897, with the degree, Mechanical Engineer in Electrical Engineering. With Cleveland Electric Illuminating Company, Cleveland, Ohio, 1897-98; U. S. Volunteer Signal Corps, 1898-99; Chief Engineer, Columbus Citizens Telephone Company, 1899-01; Chief Engineer, Peoples Telephone Company, Detroit, Michigan, 1901-02; Chief Engineer and General Superintendent, Peoples Telephone Company, Jackson, Michigan, and Springfield, Missouri, 1902-03; General Manager, General Superintendent and Chief Engineer, Ideal Construction Company, 1903-08. Since 1908, Consulting Engineer. Also, General Manager, German-American Publishing Company, Columbus, Ohio. Member of Knights of Pythias, and Elks.

Hirst, Edgar Clarkson State Forester
B. A. 1907 M. For. (Yale University Forest School) 1909
Concord, New Hampshire

Born at Yellow Springs, Ohio, August 30, 1882. Attended Preparatory School, Antioch College, Yellow Springs, Ohio, one year; attended the Ohio State University, four years and two terms, January, 1903 to June 1907, and was graduated in June 1907, with the degree, Bachelor of Arts; attended Yale University, Forest School, two years, and was graduated in 1909, with the degree, Master of Forestry. Logging, manufacturing and shipping departments, West Virginia Timber Company, Summers 1905 and 1906; Field Work, Department of Forestry, Ohio Agricultural Experiment Station, Wooster, Ohio, Summer 1908; Instructor in Land Surveying, Sheffield Scientific School, Yale University, Fall field term 1908. At present, State Forester of New Hampshire. He has published reports, bulletins and circulars of the New Hampshire Department of Forestry since taking office. Member of Delta Upsilon and Sigma Xi.

Hirst, Harry Mine Operator
E. M. 1903
Midvale, Ohio

Born in England, February 16, 1875. Was married June 25, 1906. Attended Franklin College, New Athens, Ohio, 1894-95; attended Ohio State University 1898-02 and Winter of 1903, and was graduated in June 1903, with the degree, Engineer of Mines. Assistant Superintendent and Mining Engineer, Central Coal & Coke Company of Pittsburgh, Apollo, Pennsylvania, July 1 to November 1, 1903; Superintendent and Manager, Dennison Mining Company, Pittsburgh, Pa., November 1, 1903 to June 15, 1910; Superintendent

and Manager, Dennison Coal & Fuel Company, Dennison, Ohio, June 15, 1910 to September 30, 1911; appointed Receiver of above company, September 30, 1911, which position he now holds.

Hixson, Grace Catherine Teacher
B. A. 1909
Lansford, North Dakota

Born at Wellington, Kansas. Attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher at Jackson Center, Ohio, 1909-10; Teacher at McComb, Ohio, 1910-11. Since 1911, Teacher at Lansford, North Dakota.

Hjelm, Charles Emmett Student
Ohio Miami Medical College
Cincinnati, Ohio

Born in Holyoke, Colorado, November 15, 1887. Attended the Ohio State University, 1906-07, and received a Certificate in Pharmacy in June 1907. Student in Ohio Miami Medical College, University of Cincinnati, at the present time, and expects to graduate, 1912. Since 1907, with the Mykrantz Pharmacy, Columbus, Ohio, and T. B. Roll Pharmacy, Hamilton, Ohio. Member Masons, Easter Star, Alpha Kappa Kappa and Theta Nu Epsilon. Home address, Mason, Ohio.

Hoberg, Harry Henry Mechanical Engineer
M. E. 1909
519 East Buchtel Avenue, Akron, Ohio

Born at New Bremen, Ohio, April 20, 1884. Attended the Ohio State University, 1903-06, 1907-09, and was graduated in June 1909, with the degree, Mechanical Engineer. With the Goodyear Tire & Rubber Company since August 26, 1909; since July 1910, Manager, Department of Reclaiming, The Goodyear Tire & Rubber Co., Akron, Ohio. Member of Sigma Xi.

Hoel, Sarah Elizabeth
(See Sarah Elizabeth Hoel Mills)

Hohly, Marguerite Beatty
(Mrs. Paul Hohly)
6 Plaza Apartments, Toledo, Ohio

Born in Columbus, Ohio. Married Doctor Paul Hohly, September 14, 1909. Attended the Ohio State University, 1899-01, in the Domestic Science Course. Member of Advance Club, Columbus, Ohio, Arden Shakespeare Club, Toledo, Ohio.

Holcombe, Harry John Clergyman
B. A. 1901 B. S. T. (Boston University School of Theology) 1904
65 Neal Avenue, Newark, Ohio

Born at Uhrichsville, Ohio, October 1, 1876. Married Cornelia Pletcher, August 21, 1902. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Arts; attended Boston University, School of Theology, 1901-04, and received the degree, Bachelor of Sacred Theology, in 1904. At present Pastor of West Main Street Methodist Episcopal Church, Newark, Ohio.

Holdren, James Watson Pharmacist
J. W. Dysle Company, Marietta, Ohio

Born at Marietta, Ohio, February 16, 1890. Attended the Ohio State University, 1909-11, and received a Certificate in Pharmacy in June 1911. With the J. W. Dysle Company, wholesale and retail druggists, Marietta, Ohio, 1904-09; at present, Pharmacist for the above company.

Holman, Margaret Alice Beach
(Mrs. Wilson Holman)
B. Ph. 1891
829 Avenue C. Bayonne, New Jersey

Born in Columbus, Ohio, January 2, 1869. Married Wilson Holman, January 14, 1897. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Bachelor of Philosophy. Teacher in High School, Urbana, Ohio, 1891-95. Teacher in High School, Columbus, Ohio, 1895-96. Member of Kappa Kappa Gamma.

Holston, John George Frederick, Jr. Surgeon
M. D. (Jefferson Medical College) 1904
620 South Street, Zanesville, Ohio

Born at Zanesville, Ohio, August 29, 1879. Attended Gettysburg College, 1897-98; attended Ohio State University, 1898-99; Jefferson Medical College, 1900-03, and received the degree, Doctor of Medicine, in 1903; studied in Berlin and Vienna, 1909-10. Formerly, Orthopedist and Lecturer on Principles of Surgery to Zanesville City Hospital, Zanesville, Ohio; at present General and Orthopedic Surgeon, Zanesville, Ohio. Editor of Phi Beta Pi (Medical) Quarterly, 1904-06. Supreme Vice Archon of Phi Beta Pi Medical Fraternity. Member of Supreme Council of Phi Beta Pi since 1903. Member of American Medical Association, Sigma Alpha Epsilon and Phi Beta Pi (Medical) Fraternities.

Hommon, Harry Britton Chemist
B. A. 1903
Sewage Testing Station, Akron, Ohio

Born in Columbus, Ohio, in 1879. Attended the Ohio State University, 1899-03, graduate work in Winter and Spring of 1904; was graduated in June 1903, with the degree, Bachelor of Arts. Assistant Chemist Sewage Testing Station, Columbus, Ohio, 1905-06; Chemist and Director, Sewage Testing Station, Waterbury, Connecticut, 1906-08; Chemist and Director Sewage Testing Station, Gloversville, New York, 1908-10; Chemist, Sewage Testing Station, Sanitary District of Chicago, Ill., 1910-11. At present Chemist and Director, Sewage Testing Station, Akron, Ohio.

Hood, Willard J Secretary, Board of Trade
M. E. 1904
1110 Blaine Avenue, Cambridge, Ohio

Born in St. Clairsville, Ohio, in 1882. Married Maude Lowry in 1910. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer. With Motive Power Department of Chesapeake & Ohio Railway, 1904-07; with Hood Brothers, Cambridge, Ohio, 1908-09; City Auditor of Cambrige, Ohio, 1910-11. At present, Secretary of the Board of Trade, Cambridge, Ohio. Member of Masonic Order, and of Sigma Chi.

Hope, Harry Leroy Telephone Engineer
M. E. in E. E. 1905
Missouri & Kansas Telephone Company
Kansas City, Missouri

Born at Bainbridge, Ohio, February 7, 1882. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Telephone Engineer, with Western Electric Company, Chicago, Ill., July 1905 to November 1910. Since November 1910, Telephone Engineer, Missouri & Kansas Telephone Company, Kansas City, Mo. Member of American Institute of Electrical Engineers, Engineers' Club of Kansas City and Alpha Tau Omega.

Hopkins, Bertha
(See Bertha Hopkins Leonard)

Hopkins, Clara
(See Clara Hopkins Snodgrass)

Hopkins, Earl Osborn Civil Engineer
C. E. 1908
S. V. & E. Ry. Co., Pikeville, Ky.

Born in West Farmington, Ohio, July 24, 1883. Attended the Ohio State University, Fall of 1904 to Spring of 1908, and was graduated in June 1908, with the degree, Civil Engineer. Assistant County Surveyor, Springfield, Ohio, June to September 1906; Assistant to County Surveyor, Columbus, Ohio, June to September 1907, and June 1908 to June 1909 on concrete inspection, office drafting and field work on macadam pikes; Detailer, King Bridge Company, Cleveland, Ohio, July 1909 to September 1910; since November 1910, with the S. V. & E. Ry.: Field Draughtsman on railroad location, Office Draughtsman, Transitman, in charge of party, and Draughtsman on Construction.

Hopkins, Lloyd Clark Mechanical Engineer
M. E. 1905
Lexington, Ohio

Born in Portage County, Ohio, January 25, 1881. Married Laura B. Faust June 2, 1906. Attended the Ohio State University, 1900-02, 1903-05, and was graduated in June 1905, with the degree, Mechanical Engineer. Draftsman, Smith Gas Power Company, June to September 1905; Assistant to Professor Magruder, Ohio State University, September 1905 to June 1906; Draftsman, Smith Gas Power Company, June to December 1906; Experimental Engineer, U. S. Fuel Testing Plant of U. S. Geological Survey, December 1906 to September 1907; since September 1907, Mechanical Engineer and Designer of Gas Producers and appliances, Smith Gas Power Company, Lexington, Ohio. Member of Board of Education, Lexington, Ohio; Clerk of Board of Education; member of Masonic Order, Knights Templar, and Independent Order of Foresters.

Hopwood, Harry Le Voy Attorney
LL. B. 1907
Kenton, Ohio

Born in Columbus, Ohio, February 24, 1882. Attended the Ohio State University, 1901-03, in the College of Arts, and 1903-04, 1905-07, in the College of Law, receiving the degree, Bachelor of Laws, in June 1907. At present, Attorney-at-Law, Kenton, Ohio. Secretary, Kenton Commercial Club. Member of Masons, Elks, Knights of Pythias and of Sigma Nu and Theta Nu Epsilon.

Horst, Ada Emily Mary Teacher
B. Sc. Edu. 1911
1818 Walnut Street, Murphysboro, Ill.

Born at Dublin, Ohio, November 11, 1888. Attended the Ohio State University, 1906-08, 1909-11, and was graduated in June 1911, with the degree, Bachelor of Science in Education. At present Teacher of German, Music, Drawing and English at Murphysboro Township High School, Murphysboro, Ill.

Horst, Bertha Carolyn Teacher
B. Sc. Edu. 1911
Hilliards, Ohio. The Maples

Born at Dublin, Ohio, June 12, 1891. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Education. At present Teacher of English and Latin, High School, Hilliards, Ohio.

Hoskins, Paul L. Civil Engineer
Wheeling & Lake Erie Railroad
Canton, Ohio

Born at Sidney, Ohio, February 25, 1886. Attended the Ohio State University, 1903-04, Fall 1904, 1905-06, in the College of Engineering. At present Assistant on Engineering Corps, Wheeling & Lake Erie R. R., Canton, Ohio. Member of Sigma Pi.

Houser, True
U. S. Department of Agriculture, Bureau of Plant Industry
Ohio Agricultural Experiment Station, Wooster, Ohio

Born at New Pittsburg, Ohio, April 19, 1879. Married Edith Weber, December 25, 1905. Attended the Ohio State University, 1902-05. Since June 1905, Assistant Botanist, Ohio Agricultural Experiment Station, Wooster, Ohio; also Collaborator, Bureau of Plant Industry, U. S. Department of Agriculture, March 1910 to the present time. Author of "Comparison of Yields of First Generation Tobacco Hybrids with Those of Parent Plants," American Breeders' Association Report for 1910; "Certain Recent Results in Ohio Tobacco Breeding," American Breeders' Association Report for 1911; "Tobacco Culture in Ohio," and "Tobacco Breeding in Ohio," by A D. Selby and True Houser, bulletins 233 and 234, The Ohio Agricultural and Experiment Station. Member of American Association for Advancement of Science, American Breeders' Association and Ohio Plant Breeders' Association.

Howald, Ferdinand Retired
B. Sc. 1878 E. M. 1880
1150 Bryden Road, Columbus, Ohio

Born in Wangen-on-Aar, Switzerland, September 2, 1856. Attended the Ohio State University, 1874-78 and 1878-80, receiving the degree, Bachelor of Science in June 1878, and the degree, Engineer of Mines in June 1880. Engineer and Manager of coal mining operations in New River District of West Virginia, from 1880 to 1906. Since 1906 spent time in traveling for pleasure. Member American Association of Mining Engineers, American Association for the Advancement of Science, American Forestry Association and Phi Gamma Delta.

Howard, Curtis Clark Professor and Chemist
B. Sc. 1878 M. Sc. 1881
Starling-Ohio Medical College
Columbus, Ohio

Born in Blendon, Ohio, July 22, 1854. Married Nettie Brown, November 9, 1881. Attended the Ohio State University, 1873-1878, and was graduated in June 1878, with the degree, Bachelor of Science, and in June 1881, with the degree, Master of Science. Attended Johns Hopkins University, 1879-80, and University of Berlin, 1896-99. Professor of Chemistry and Toxicology, Starling Medical College, 1877-07; since 1907, Professor of Chemistry and Toxicology, Starling-Ohio Medical College, Columbus, Ohio. Among his publications are, "Ueber p-Amidophenoxylessigsaeure und Derivate derselben," 1897; Ueber Trimethylenimin," 1899; "Zur Constitution des Vinylimins," 1899; "Ueber das Bistrimethylendimin," 1899. Member of American Association for the Advancement of Science and the American Chemical Society. House address, 97 Jefferson Avenue, Columbus, Ohio.

Howard, Homer Curtis
Insurance Agent, Liability and Casualty
New Hayden Bldg., Columbus, Ohio

Born at Westerville, Ohio, December 22, 1875. Married Belle Park, April 27, 1905. Attended the Ohio State University, 1893-97. Reporter, Ohio State Journal, Columbus, Ohio, 1897-98; Reporter, Columbus Press-Post, 1898-99; City Editor, Columbus Press-Post, 1900; Secretary, Columbus Board of Safety, 1903; Manager Liability Department, Travelers' Insurance Company, 1904-09. Since 1909, Liability and Casualty Insurance Agent, Columbus, Ohio. Member of Masonic Order, Columbus Chamber of Commerce, and Chi Phi. House address, 178 South 18th Street, Columbus, Ohio.

Howard, Joseph Maurice Attorney
33 Latta Avenue, Columbus, Ohio

Born in Columbus, Ohio, April 27, 1870. Was married October 26, 1904. Attended the Ohio State University, 1893-95, and received a Certificate in Law in June 1895.

Hoyer, Ralph Waldo Life Insurance
B. A. 1906
John Hancock Mutual Life Insurance Co., Columbus, Ohio

Born at Mt. Vernon, Ohio, February 1, 1883. Married Eva Barnhill, June 2, 1909. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. At present Special Agent, John Hancock Mutual Life Insurance Company, Columbus, Ohio. Member of Kappa Sigma. House address, 90 Twelfth Avenue, Columbus, Ohio.

Huddleson, Don Carlos
Mercantile Business, Electrical Supplies
G. Ph. 1897
305 Columbus Savings & Trust Bldg., Columbus, Ohio

Born at Central College, Ohio, March 8, 1877. Married Leah Baldwin, June 18, 1902. Attended the Ohio State University, 1894-97, and was graduated in June 1897, with the degree, Graduate in Pharmacy. Attended Starling Medical College in 1899. Assistant Physical Director, Ohio State University, 1898-04; Director,

Physical Education, Ohio State University, 1905-06; Electrical Salesman, 1907-12; at present, Manager Columbus Office of Westinghouse Electric and Manufacturing Company, of Pittsburgh, Pa. Member of Gamma Phi.

Huggins, Burch Delaplaine Attorney
B. Ph. 1899
Huggins, Huggins and Hoover
New First National Bank Building
Columbus, Ohio

Born at Hillsboro, Ohio, June 14, 1877. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Philosophy; attended College of Law, 1900-01. At present, Member of the firm of Huggins, Huggins and Hoover, New First National Bank Building, Columbus, Ohio. Member of University Grange, Patrons of Husbandry, Columbus, Ohio; Columbus Club, Arlington Country Club, Columbus Business Men's Gymnasium Club, Buckeye Republican Club and of Chi Phi. House address, 816 Oak Street, Columbus, Ohio.

Hughes, Henry T. Superintendent of Schools
Bloomingburg, Ohio

Born at Aylmer, Elgin County, Dominion of Canada, April 21, 1873. Was married in 1898. Attended the Ohio State University, 1907-09, in the College of Arts. Superintendent of Schools West Millgrove, Ohio, 1903-06; since 1909, Superintendent of Schools, Bloomingburg, Ohio. Member of Odd Fellows.

Hultquist, Victor Jonas Mechanical Engineer
M. E. 1907 Construction
729 Third Avenue
Astoria, Long Island City, New York

Born at Jamestown, New York, July 16, 1879. Married Lola McClurg, October 15, 1908. Attended the Ohio State University, 1901-07, and was graduated in June 1907, with the degree, Mechanical Engineer. In shops of American Locomotive Company, July 1, 1907 to October 1, 1907; since October 1, 1907, Construction Engineer, American Locomotive Company, and at present Consulting Engineer for Stilson Roller Bearing Corporation, Jamestown, New York. Has written an article, in collaboration with E. D. Dreyfus, on "1000 K. W. Natural Gas Engine Tests, Construction and Working Costs," presented before American Society of Mechanical Engineers, December 1911, and published by that society. Member of Gamma Phi.

Hummon, Simon P. Farmer
West Leipsic, Ohio

Born at West Leipsic, Ohio, November 12, 1882. Was married December 25, 1896. Attended Ohio Northern University three months; attended Ohio State University, 1902-03, and Fall of 1903, in the College of Agriculture. Teacher, two years; Farmer in Ohio, two years; Farm Implement Dealer, two years; Farmer in Colorado, one year; Farmer in California, one year. At present Agricultural Superintendent of Tract of Land in California for Lutheran Colonization Company, Omaha, Nebraska.

Humphrey, Dwight Elmer Ceramic Engineer
Deckman Duty Brick Co., 519 Electric Building, Cleveland, Ohio

Born in Richfield, Ohio, February 29, 1884. Attended Lewis Institute, Chicago, one year, and the Ohio State University two and a half years, 1906-08, in Short Course in Ceramics, receiving a Certificate in Clay Working in June 1908. Since January 1909, engaged in Ceramic Engineering with The Deckman Duty Brick Company, Cleveland, Ohio. Member, American Ceramic Society and of Acacia.

Hunsicker, Thomas Joshua Teacher
B. A. 1911
Johnston City, Illinois

Born in Lebanon, Pennsylvania, December 19, 1885. Attended the Pennsylvania State College, 1908-09, and the Ohio State University, 1909-11, and was graduated in

June 1911, with the degree, Bachelor of Arts. Professor of Sciences at the Johnston City High School, Johnston, Ill. Member American Chemical Society.

Hunter, Junius Kline Journalist
B. A. 1909
155 N. High St., Chillicothe, Ohio

Born in Chillicothe, Ohio, March 8, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. With the News-Advertiser Company since graduation, and at present Telegraph Editor of that company, Chillicothe, Ohio. Member of Chi Phi.

Hunter, Madone C. Electrical Engineer
M. E. in E. E. 1900
Holton Electric Light & Water Works, Holton, Kansas

Born in Zanesville, Ohio, December 6, 1876. Married Bertha J. Joseph, January 6, 1902. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Mechanical Engineer in Electrical Engineering. Electrical Engineer with Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio, 1901-04; Assistant to General Superintendent and Chief Engineer, St. Joseph Railway, Light, Heat & Power Company, St. Joseph, Missouri, 1904-08; Superintendent Holton Electric Light and Water Works, 1908 to 1912. Member of Sigma Xi.

Huntington, Charles Clifford Professor
B. Sc. (Antioch College)
B. Ph. 1902 M. A. 1903
Ohio State University, Columbus, Ohio

Born in Clark County, Ohio. Married Stella Barkman. Attended Antioch College, receiving the degree, Bachelor of Science; attended Nelson's Business College; attended Ohio State University, 1901-02, and was a graduate student during 1903-04; was granted the degree, Bachelor of Philosophy, in June 1902, and the degree, Master of Arts, in June 1903. High School Principal, 1896-00; Emerson McMillin Fellow in Economics and Sociology, Ohio State University, 1902-03; University Fellow in Economics and Sociology, Ohio State University, 1903-04; Fellow in Political Economy and Finance, Cornell University, 1904-05; Assistant in Political Economy and Finance, Cornell University, 1905-06; Special Examiner, U. S. Bureau of Corporations, Washington, D. C., 1906-09; since 1909, Assistant Professor of Economics and Sociology, Ohio State University. Author of the "History of the Ohio Canals," published 1905. Member of Knights of Pythias.

Huston, Charles Henry Attorney
B. Sc. (Tri-State College) 1894
LL. B. 1897
Mansfield, Ohio

Born in Richland County, Ohio, July 27, 1871. Was married July 20, 1900; attended Tri-State Normal College, Angolo, Indiana, four years, and received the degree, Bachelor of Science in 1894; attended Ohio State University, 1896-97, and received the degree, Bachelor of Laws, in June 1897. Since June 1897, Attorney-at-Law, Mansfield, Ohio. Prosecuting Attorney, Richland County, Ohio, January 1904 to January 1909. Member of Knights of Pythias, Masons, Elks, and Spanish War Veterans.

Huston, Eleanor Clara Teacher
B. A. 1909
63 N. Ohio Ave., Columbus, Ohio

Born at New Lexington, Ohio, October 24, 1886. Attended Belmont College, Nashville, Tennesee, one year; attended Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. At present Teacher of Latin, Madison Township High School, Pickaway County, Ohio.

Hutsinpillar, Neil Charles Bookkeeper
B. A. 1908
Box 242, Ironton, Ohio

Born in Ironton, Ohio, February 20, 1886. Graduated from Culver Military

Academy in 1905. Attended the Ohio State University, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Chemist, Proctor & Gamble Company, July 1908 to February 1909; at present Bookkeeper, Hutsinpillar-Sheridan Company (wholesale hardware), Ironton, Ohio. Member of Delta Kappa.

Hutsinpiller, Charles Laiblin Pharmacist
Wellston, Ohio

Born at Gallipolis, Ohio, February 19, 1888. Attended the Ohio State University, 1907-08 and 1910-11, and received a Certificate in Pharmacy in June 1911. Salesman, with The Buckeye Drug Company, Columbus, Ohio, 1908-10; at present Pharmacist with Palace Drug Store, Wellston, Ohio. Member of Phi Delta Chi and Delta Kappa.

Hyatt, Edward Mechanical Engineer,
M. E. 1911 Draftsman
Otis Steel Co., Ltd., Cleveland, Ohio

Born in Cleveland, Ohio, March 18, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer. Draftsman, Otis Steel Company, Ltd., Cleveland, Ohio. House address, 1819 East 89th Street, Cleveland, Ohio.

Hyatt, Harry Mechanical Engineer
Otis Steel Co., Ltd., Cleveland, Ohio

Born at Augusta, Ohio, October 31, 1860. Married Maud Cleve, March 11, 1882. Attended the Ohio State University, 1875-80, Fall and Winter 1880-81. Draftsman and Chief Engineer, The Otis Iron & Steel Company, 1882-90; Engineer, The Cleveland City Forge & Iron Company, 1890-97; Engineer, The Walker Company, 1897-99; Chief Inspector, The Wellman-Seaver-Morgan Company, 1899-01; since 1901, Engineer, The Otis Steel Company, Ltd. House address, 1819 East 89th Street, Cleveland, Ohio.

Hyatt, Harry C. Landscape Engineer
B. Sc. Hort. 1911
1819 East 89th Street, Cleveland, Ohio

Born in Cleveland, Ohio, January 27, 1890. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Horticulture. At present, Assistant to Walter Bussmann, Landscape Engineer, Cleveland, Ohio.

Hyde, Jesse Earl Professor
B. A. 1906
M. A. (Columbia University) 1907
School of Mining, Kingston, Ontario

Born in Rushville, Ohio, May 2, 1884. Married Edna M. McCleery, August 1, 1911. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Attended Columbia University, 1906-08 and 1909-11, and received the degree, Master of Arts, in June 1907; attended Harvard University, 1908-09. Assistant on Geological Survey of Ohio, Summers 1904 to 1911, except 1906. Assistant in Physiography, Harvard University, 1908-09; Assistant in Geology, Columbia University, 1909-11; since 1911, Assistant Professor of Geology, School of Mining, Kingston, Ontario; also Assistant Geologist, Geological Survey of Dominion of Canada, 1912. He has written several articles and reviews, and "The Waverly Formations of Ohio," to be published soon by the Geological Survey of Ohio. Member of American Association for the Advancement of Science. Paleontological Society, Ohio Academy of Science, New York Academy of Sciences and Sigma Xi.

Hyde, Wilby Grimes Attorney
B. A. 1887
LL. B. (Cincinnati Law School) 1889
Chillicothe, Ohio

Born near Clarksburg, Ohio, November 28, 1865. Married Helen M. Frizell, January 2, 1896. Attended Ohio University, Athens, Ohio, 1882-83; attended Ohio State University, 1883-87, and was

graduated in June 1887, with the degree, Bachelor of Arts; attended Cincinnati Law School, 1887-89, and was graduated in 1889, with the degree, Bachelor of Laws. Since June 1889, Attorney-at-Law. Member of The Sunset Club, Chillicothe, Ohio, and Beta Theta Pi.

Iiams, Guy Harrison Stationary Engineer
Adams Motor Truck Works, Findlay, Ohio

Born at Botkins, Ohio, September 25, 1888. Attended the Ohio State University, 1908-10, in the Electrical Engineering Course. Pressman, with The Findlay Porcelain Company, one year; at present Stationary Engineer at the Adams Motor Truck Works, Findlay, Ohio. Member of Loyal Order of Moose. House address, 422 Davis Street, Findlay, Ohio.

Ingalls, Osmer Charles Mercantile Business
Coal and Building Supplies
B. A. 1905 LL. B. 1907
1828 N. Fourth St., Columbus, Ohio

Born at Camp Chase, Ohio, June 7, 1881. Married Laurene Kelsey, February 1, 1909. Attended the Ohio State University, 1901-07, and was graduated in June 1905, with the degree, Bachelor of Arts, and in June 1907, with the degree, Bachelor of Laws. Practiced Law with O. P. Cockerill, Columbus, Ohio, 1907-10. At present, President, East Side Coal & Builders' Supply Company; President, Indianola Coal & Supply Company, and Vice-President and Assistant Manager, United Coal & Supply Company, all of Columbus, Ohio. Member of Delta Chi and Theta Nu Epsilon. National Treasurer, Delta Chi, 1908-11, and National President, Delta Chi, 1911.

Ingram, Imogene
(See Imogene Ingram Miles)

Inskeep, Clair A. Civil Engineer
Bellefontaine, Ohio

Born in East Liberty, Ohio, March 2, 1884. Attended the Ohio State University, 1902-06. Assistant on Engineering Corps, Pennsylvania Lines west of Pittsburgh, 1906-07; since 1908, City Engineer, Bellefontaine, Ohio. Member Knights Templar, Elks Lodge, and Sigma Pi.

Ireland, Guy G. Construction Engineer
C. E. 1906
17 West 124th Street, New York City

Born at Wilmington, Ohio, April 14, 1878. Attended Wilmington College, 1891-95; attended Ohio University, Athens, Ohio, 1901-02; attended Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Civil Engineer. Assistant Engineer with Chicago & Eastern Illinois Railroad, 1906-07; since 1908, Construction Engineer, New York Central & Hudson River R. R. Co. on the Grand Central Terminal Improvements, New York City.

Jackson, Benjamin Anderson
C. E. 1908 Custodian Warehouse
Illinois Steel Company's Scully Warehouse, Chicago, Ill.

Born in Johnstown, Licking County, Ohio, March 4, 1883. Married Florence S. Whitlock, February 1, 1910. Attended the Ohio State University, 1903-6, 1907-08, and was graduated in June 1908, with the degree, Civil Engineer. Forecaster for North Works of Illinois Steel Company, Chicago, Ill., December 1, 1908 to July 1, 1910; at present, Custodian, Illinois Steel Company's Scully Warehouse, Chicago. House address, 4726 Racine Avenue, Chicago, Illinois.

Jacobi, J. Albert Lumber Dealer
C. E. 1905
Molino, Florida

Born at Versailles, Ohio, February 12, 1882. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Civil Engineer. On Engineering Corps, Illinois Central Railroad, two years; at present, Superintendent of The Jacobi Lumber Company, Molino, Florida. Member of Alpha Tau Omega.

Jacobs, William MacFarlin
Ceramic Engineer, Research Chemist
Cer. Engr. 1911
Pittsburgh Plate Glass Company,
Creighton, Pennsylvania

Born at Youngstown, Ohio, in 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Ceramic Engineer. With the National Fireproofing Company, July to December 1911; at present with the Pittsburgh Plate Glass Company, in Research Department, Cregihton, Pa. House address, 409 Ninth Avenue, Tarentum, Pennsylvania.

Jaynes, Allan Brown Clerk U. S. Court,
B. Ph. 1900 Journalist
Tucson, Arizona

Born at Delaware, Ohio, December 4, 1879. Married May 11, 1904. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Bachelor of Philosophy. U. S. Census Bureau, Washington, 1901-06; Editor of Tuscon Post, and Secretary, Tucson Chamber of Commerce, 1906-12; since 1910, Clerk U. S. Court, Tucson, Arizona, and at present Vice-President and General Manager Tucson Daily Citizen.

Jeffers, Bertha Petry
(Mrs. Herman Jeffers)
B. Sc. Dom. Sci. 1911
423 West Sixth Ave., Columbus, Ohio

Born at Port Washington, Ohio, December 11, 1887. Married Herman Jeffers, September 2, 1911. Attended the Ohio State University, 1904-05, 1908-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science.

Jefferson, Elizabeth Teacher
B. Sc. Dom. Sci 1909
223 West Eleventh Avenue
Columbus, Ohio

Born at Danville, Ohio, July 19, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Domestic Science. Teacher of Domestic Science, High School, Geneseo, Ill., 1909-10; since 1910, Instructor of Domestic Science in Extension Department, Ohio State University.

Jeffrey, Fred J. Teacher
B. Sc. 1900
Yeatman High School, St. Louis, Mo.

Born at Columbus, Ohio, June 16, 1878. Was married August 20, 1902. Attended the Ohio State University, 1895-97, 1898-00, and was graduated in June 1900, with the degree, Bachelor of Science. Teacher in High School at Canal Dover, Ohio, 1900-02; Teacher in High School at Charleston, Illinois, 1902-05; at present, Teacher of Chemistry, Yeatman High School, St. Louis, Missouri. Member of Sigma Chi.

Jenkins, Willis H. Civil Engineer
C. E. 1894
General Office, P., C., C. & St. L. Ry. Co., Pittsburgh, Pa.

Born at Beloit, Ohio, February 21, 1865. Married Maud Smythe, September 25, 1902. Attended the Ohio State University, 1890-94, and was graduated in June 1894, with the degree, Civil Engineer. Instrumentman for proposed Railways in Ohio, Fall and Winter of 1894; Foreman, Department of Street Cleaning, New York City, 1895-97; Rodman, Erie Canal for State of New York, Spring of 1898; Engineers' Inspector for Union Subway Construction Company, New York City, 1898-99; since 1900 Transitman, then Engineer, General Office P., C., C. & St. L. Ry. Co. House address, 1228 Faulkner Street, Sheridanville Station, Pittsburgh.

Jennings, Elma Fogg Teacher
B. A. 1902
Eaton, Ohio

Born in Eaton, Ohio, in 1875. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Arts. Attended one

Summer Term at Cornell University. Teacher in High Schools at Eaton and Canal Winchester, Ohio, since graduation. At the present time teacher of Latin and German, Eaton, Ohio.

Jennings, Levi E. Electrical Engineer
M. E. in E. E. 1897
2084 East 46th Street, Cleveland, Ohio

Born at Richmond, Indiana, March 23, 1869. Married Mildred Monfort, October 3, 1908. Attended the Ohio State University, 1891-97, two years preparatory, and was graduated in June 1897, with the degree, Mechanical Engineer in Electrical Engineering. Assistant Chief Inspector, Central Union Telephone Company, Indianapolis, Indiana, 1897-99; with Robert E. Kline, consulting civil engineer, Dayton, Ohio, 1900-02; County Engineer, Portage County, Ohio, 1903-04; Superintendent of Construction, N. R. & P. Consolidated Coal Company, Gentry, West Virginia, 1905-06; General Engineering work with Cleveland Construction Company, 1907-08; Deputy County Surveyor, Champaign County, Ohio River Improvement and Highway Construction, 1909-10; since 1911, Engineer, Cleveland Construction Company. Associate member, American Institute of Electrical Engineers, member of Cleveland Engineering Society.

Jennings, William Silver
Superintendent of Schools
B. A. 1904 M. A. 1910
Cody, Wyoming

Born in Preble County, Ohio. Married Irene Kimmel, January 25, 1911. Attended the Ohio State University, 1900-04, undergraduate, and 1908-10 as graduate student, and received the degree, Bachelor of Arts, in June 1904, and the degree, Master of Arts, in June 1910. Principal of High School, Clintonville, Ohio, 1904-07; Township Superintendent, Clintonville, Ohio, 1907-10; Principal of High School, Casper, Wyoming, 1910-11; since 1911, Superintendent of Schools, Cody, Wyoming. Member of Masonic Lodge.

Jewell, Paul Everett House Painter
2332 Putnam Street, Toledo, Ohio

Born at Leonardsburg, Delaware County, Ohio, February 5, 1890. Attended the Ohio State University, 1909-11, in the College of Arts. At present engaged in house painting. Workman at Standard Steel Tube Company, Toledo, Ohio, for three Summers.

Johnson, Benjamin Monroe Sales Agent
B. A. 1907
Pittsburgh Office, Central Ohio Paper Company, 1704 Keenan Building, Pittsburgh, Pennsylvania

Born in Jackson, Ohio, July 29, 1884. Attended the Ohio State University four years and was graduated in June 1907, with the degree, Bachelor of Arts. Sales Agent, Pittsburgh Office, The Central Ohio Paper Company, which position he now holds. Member of Phi Kappa Psi and Theta Nu Epsilon.

Johnson, Corinne Echols
(Mrs. James R. Johnson)
B. Sc. Edu. 1910
R. F. D. 5, Grandview, Columbus, Ohio

Born at Sturgis, South Dakota, in 1889. Married James R. Johnson in 1910. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Education. Member of Delta Delta Delta.

Johnson, Orville M. Professor
B. Sc. Agr. 1908
Ohio State University, Columbus, Ohio

Born at Pana, Illinois, August 31, 1882. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. At present Assistant Professor of Agricultural Chemistry, Ohio State University. Member of Delta Theta Sigma.

Johnson, Oscar J. Veterinarian
D. V. M. 1911
804 Lincoln Avenue, York, Nebraska

Born in Wheatland, Wyoming, May 2, 1888. Attended Iowa State College, 1907-

08; attended Ohio State University, 1909-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine. Deputy State Veterinarian of Wyoming, June 18, 1911 to September 1, 1911. Since September 1911, Practicing Veterinary Medicine at York, Nebraska. Member of Masons, Alpha Psi and Acacia.

Johnston, Frederick S. Banker and Broker
B. Sc. Agr. 1899
Johnston, Elliott & Company (Inc.)
Dallas, Texas

Born at Oberlin, Ohio, December 20, 1873. Married Rose Richmond, June 1, 1904. Attended the Ohio State University, 1893-99, and was graduated in June 1899, with the degree, Bachelor of Science in Agriculture. Assistant Professor of Agriculture, New Hampshire College, 1899-01; Associate Professor of Agriculture, Purdue University, 1901-02; Professor of Agriculture, Texas Agricultural & Mechanical College, 1902-07; in business at Dallas, Texas, 1907-08; since 1908, Senior member, Johnston, Elliott & Company (Inc.) Bankers and Brokers; also engaged in iron ore business, and in developing a large tract of Florida land and in the manufacture of cotton cleaning and ginning machinery. Member of Chamber of Commerce, Dallas, Texas, and of Kappa Sigma.

Johnston, George Edward Civil Engineer
C. E. 1892
L. & N. R. R., Louisville, Kentucky

Born in Jefferson County, Ohio, September 29, 1866. Was married October 19, 1904. Attended the Ohio State University, 1888-92, and was graduated in June 1892, with the degree, Civil Engineer. Clerk and Division Engineer, Norfolk & Western R. R. five years; Engineering Clerk to Superintendent one year; Assistant Engineer, Louisville & Nashville R. R. five years; for six years and at present Assistant Engineer and Roadmaster L. & N. R. R. House address, 1105 South 28th Street, Louisville, Kentucky.

Jones, Arthur James Electrical Engineer
M. E. in E. E. 1898
127 Fourth Street
Niagara Falls, New York

Born at West Austintown, Ohio, June 12, 1875. Married Emma Grace Mechem, April 26, 1906. Attended Washington-Jefferson Preparatory School one year; attended the Ohio State University five years, one year preparatory, and was graduated in June 1898, with the degree, Mechanical Engineer in Electrical Engineering. Apprentice, Westinghouse Electric & Manufacturing Company, two years; Foreman, Testing Department, Westinghouse Electric & Manufacturing Company, five years; Electrical Assistant to Superintendent of Niagara Falls Power Company, Niagara Falls, New York, for past five years, which position he now holds. Associate member, American Institute of Electrical Engineers.

Jones, Clayton M.
Attorney and Electrical Engineer
503 Fenton Building,
Jamestown, New York

Born at Jamestown, New York, in 1879. Attended the Ohio State University, 1902-05, and Fall and Winter 1905-06, in the College of Engineering. Electrician, Jamestown Street Railway, 1904-05; Electrical Engineer, Chautauqua Traction Company, 1905-06; Electrician, Stone & Webster Engineering Corporation, 1906-07; since 1909, Attorney-at-Law, specializing on actions requiring technical knowledge, also general practice. Among his published articles are, "Power: Wizard of Settlement," Canadian Magazine, April, 1909; "Power: Wizard of Development," Pacific Monthly, July 1909; "Greater Than Gold," Sunset Magazine, October 1910; "Power," New England Magazine, January 1910; "The Great Silent Force in Canadian Development," Canadian Magazine, May 1910; "Power: Wizard of Southern Development," Taylor-Trotwood Magazine, September 1909; "Highways of Power," Overland Monthly, April 1910; "A Ca-

nadian Highway of Power," Canadian Magazine, June 1911, and other articles on technical and economic subjects. Member of Loyal Order of Moose, Fraternal Order of Eagles, Jamestown Bar Association, Norden Club. Deputy District Supreme Dictator, Loyal Order of Moose, Past Dictator, Loyal Order of Moose.

Jones, Fred Emerson Pharmacist
146 East Northwood Avenue
Columbus, Ohio

Born at Cardington, Morrow County, Ohio, August 30, 1880. Married June 12, 1909. Attended the Ohio State University, 1906-08, and received a Certificate in Pharmacy in June 1908. Eleven years experience in the retail drug business as Drug Clerk. At present, Storekeeper, Ohio State University. Member of Ohio Republican Glee Club and Knights of Pythias.

Jones, Grandville Reynard Chemist
C. E. 1904 B. Sc. San. Engr. (Massachusetts Institute of Technology) 1907
Filtration Plant, Washington, D. C.

Born at Camden, Ohio, November 26, 1883. Married Gertrude Louise Mann, November 24, 1910. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Civil Engineer; attended Massachusetts Institute of Technology, 1905-07, and was graduated in 1907, with the degree, Bachelor of Science in Sanitary Engineering. With Mt. Vernon Bridge Company, Mt. Vernon, Ohio, January 1905 to October 1905; with Washington Aqueduct Filtration Plant, Washington, D. C., June 1907, to present time, as Second Assistant Chemist, First Assistant Chemist, Chief Chemist and Assistant Superintendent, which position he has held since June 1909. Member of American Water Works Association, Associate Member American Society of Civil Engineers, N. E. Water Works Association, American Public Health Association, American Society for Advancement of Science, Washington Society of Engineers.

Jones, Olive Librarian
B. A. 1887
Ohio State University, Columbus, Ohio

Born in Jackson County, Ohio, October 10, 1863. Attended the Ohio State University 1883-86, 1887-88, and was graduated in June 1887, with the degree, Bachelor of Arts. Assistant Librarian, Ohio State University, 1887-93; University Librarian, Ohio State University since 1893. Among her publications are, "Classifications for College Libraries," Library Journal 1899, Vol. 24, C., 36-41; "Classification for College Libraries," Public Libraries, 1899, Vol. 4, 264-265; "Reference Work at Ohio State University," Public Libraries, 1904, Vol. 9, 62-63; "Student Service in Ohio State University Library," Public Libraries, 1907, Vol. 12, 227. Secretary, College and Reference Section of American Library Association, Vice-President and Secretary, Ohio Library Association, member American Library Association, Ohio Library Association, Women's Club of Ohio State University, Columbus College Women's Club.

Jordan, George Selwyn Veterinarian
Williamstown, Massachusetts.

Born at Sutton, New Hampshire, May 26, 1880. Married Mary Lurona Covil, October 6, 1909. Attended the Ohio State University, 1906-09, and received a Certificate in Veterinary Surgery in June 1909; was connected with Veterinary Hospital, Ohio State University, 1909-10. At present, Inspector of Cattle and Milk at Williamstown, Mass.

Jotter, Artie May Lomb
(Mrs. Ernst Jotter)
Weaverville, California

Born at Birmingham, Alabama, July 11, 1886. Married Ernst Victor Jotter, November 29, 1910. Attended University of Cincinnati one year; attended Ohio State University, 1906-07, in the College of Arts.

Jotter, Ernst Victor Forester
B. A. (University of Michigan) 1908
M. Sc. in For. (University of Michigan) 1909
Weaverville, California

Born at Monroe, Ohio, May 1, 1879. Married Artie May Lomb, November 29, 1910. Attended the Ohio State University, 1900-02, 1906-07, as a special student in Horticulture; attended University of Michigan two years and received the degree, Bachelor of Arts in 1908, and the degree, Master of Science in Forestry, 1909. Teacher, 1904-07; since 1909, Forest Assistant on Trinity National Forest.

Judd, Horace Professor
M. E. 1897 M. Sc 1899
Ohio State University, Columbus, Ohio

Born in North Hatfield, Massachusetts, May 4, 1868. Married Etta Lois Gerry, August 23, 1899. Attended Oberlin College, 1891-93; attended Cornell University, Summer of 1898; attended Stevens Institute of Technology, Summer of 1898; attended Ohio State University, 1893-99, and was graduated in June 1897, with the degree, Mechanical Engineer, and in June 1899, with the degree, Master of Science. Fellow and Laboratory Assistant, Mechanical Engineering, Ohio State University, 1897-99; Instructor, Department of Science and Technology, Pratt Institute, Brooklyn, New York, 1899-02; Assistant Professor, Experimental Engineering, Ohio State University, 1902-09; since 1909, Associate Professor, Experimental Engineering, Ohio State University. Joint author with James E. Boyd of "Pilot Tube With Experimental Determinations of Form and Velocity of Jets," Engineering News, March 31, 1904; joint author with Roy S. King, of "Some Experiments on the Frictionless Orifice," Engineering News, September 27, 1906; "A Few Remarks on the Pilot Tube," proceedings Ohio Engineering Society, 1907. Member of American Society of Mechanical Engineers, American Association for Advancement of Science, Society for the Promotion of Engineering Education and of Sigma Xi.

Judkins, Clyde Hollingsworth Attorney
B. A. (Scio College) 1891 LL. B. 1897
Cleveland, Ohio

Born at Flushing, Ohio, December 24, 1869. Married Mary B. McGavran in 1897. Attended Monmouth College, Monmouth, Illinois, 1886-87; attended Scio College, Scio, Ohio, 1888-91, and was graduated in 1891, with the degree, Bachelor of Arts; attended Ohio State University, 1896-97, and received the degree, Bachelor of Laws, in June 1897. Since 1900, practicing law at St. Clairsville, Ohio, but resides in Cleveland, Ohio. Has given much attention to business affairs connected with coal and iron ore and Southern lands. Member of Phi Delta Phi.

Judson, Walter Raymond
M. E. 1903 Mechanical Engineer
Apartado 830, Mexico D. F., Mexico

Born in Dayton, Ohio, October 7, 1882. Married Isabel MacGregor, August 6, 1906. With Pennsylvania and Hocking Valley Railways, August 1903 to January 1905, except four months spent in Mexico. These four months and from January, 1905 to May 1906, spent in mines, concentrators and smelters in connection with operation, management and mechanical details. At present Engineer and Sales Manager, Victor M. Braschi, Engineer and Contractor in machinery. Member of Foreign Club, Parral and University Club, Mexico City and Member of Sigma Alpha Epsilon.

Juniper, Charles Walter Attorney
419 Scott Street, Nelsonville, Ohio

Born in York Township, Athens County, Ohio, September 5, 1878. Married Lucena E. Howard, October 19, 1906. Attended the Ohio State University, 1901-04, in the College of Law, and carried work in College of Arts, 1901-02. Received a Cer-

tificate in Law in June 1904. City Solicitor, Nelsonville, Ohio, January 1, 1905 to January 1, 1908; also January 1, 1910 to January 1, 1912. At present, Practicing Law at Nelsonville, Ohio.

Junk, Frances Carpenter
(Mrs. Elmer Junk)
East Second Street, Xenia, Ohio

Born at Washington C. H., Ohio, December 27, 1885. Married Elmer Junk, October 11, 1910. Attended the Ohio State University, 1907-08, and one term each in 1908 and 1909. Attended Summer School at Athens, Ohio, and at Chautauqua, New York. Teacher in Schools, Washington C. H., Ohio, 1906; Assistant Teacher of Vocal Expression at Stimson Conservatory, Washington C. H., Ohio, 1909.

Kalb, Warren Cornelius Mechanical Engineer
M. E. in E. E. 1904
National Carbon Co., Cleveland, Ohio

Born at Arcadia, Ohio, September 3, 1882. Married Katherine Hawk, October 15, 1908. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Mechanical Engineer, The Columbus Pneumatic Tool Company, three years; Brush Engineer, National Carbon Company, three years; Superintendent, The Dunlap Engineering Company, one year. At present Assistant Foreman, National Carbon Company, Cleveland, Ohio. Member of Gamma Phi. House address, 1286 Beach Avenue, Lakewood, Ohio.

Katz, Etta May
B. Sc. Dom. Sci. 1911
Marion, Ohio

Born at Marion, Ohio, May 19, 1889. Attended Buchtel College, one year; attended Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science.

Katz, Sidney Hershberg Professor
B. Sc. in Chem. Engr. 1909
New Hampshire College
Durham, New Hampshire

Born at Gilmore, Pennsylvania, February 1, 1884. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Chemical Engineering. Research Chemist, National Carbon Company, Cleveland, Ohio, July to October 1909; Chemist, John D. Owens & Son, Owens, Ohio, October 1909 to October 1910; since October 1910, Instructor in Chemistry, New Hampshire College. Member of American Chemical Society and of Alpha Chi Sigma and Sigma Xi.

Kauffman, Margaret
(See Margaret Kauffman Barringer)

Kauffman, Treva Erdine Teacher
B. Sc. Dom. Sci. 1911
219 Eaton Road, Hamilton, Ohio

Born at Osborne, Ohio, September 23, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science. At present Teacher in Domestic Science, Public Schools, Hamilton, Ohio. Home address, Osborne, Ohio.

Kegerreis, Roy Electrical Engineer
M. E. in E. E. 1911
General Electric Company
Schnectady, New York

Born in Bellevue, Ohio, May 30, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. At present in Testing Department, General Electric Company, Schnectady, New York.

Keifer, William W. Attorney
B. A. 1886 LL. B. (Cincinnati Law School) 1888
Springfield, Ohio

Born at Springfield, Ohio, May 24, 1866. Married Martha Steele, June 13, 1894.

Attended the Ohio State University, 1881-86, and was graduated in June 1886, with the degree, Bachelor of Arts; attended Cincinnati Law School, 1887-88, and received the degree, Bachelor of Laws, in 1888. Admitted to practice law in Ohio in 1888, and has been a practicing attorney since that date. Member of firm, Keifer & Keifer, Springfield, Ohio. Member of Phi Kappa Psi and Phi Delta Phi.

Keilholtz, Lester Sneath
M. E. 1907 Mechanical Engineer
717 South Main St., Dayton, Ohio

Born at Tiffin, Ohio, December 22, 1883. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer. Gas Engine Testing Department, Fairbanks-Morse Mfg. Co., Beloit, Wisconsin, June 1907 to January 1908; Motor Assem. and repair department, Thomas B. Jeffrey & Company, (Rambler automobiles) Kenosha, Wisconsin, January 1908 to May 1909; Experimental Draftsman, National Cash Register Company, Dayton, Ohio, May 1909 to August 1911. At present, Draftsman, Engineering Department, Dayton Engineering Laboratories Company, Dayton, Ohio. Member of Scottish Rite Masons, and Dayton Young Men's Christian Association.

Keiser, Romeo Orpheus Physician
B. Sc. 1892 G. Ph. 1896
M. D. (Ohio Medical University) 1898 M. D. (Cleveland Homeopathic Medical College) 1899
427 E. Long Street, Columbus, Ohio

Born in Bryan, Ohio, December 29, 1870. Married Belle A. Dyer, November 28, 1901. Attended the Ohio State University, 1888-1892, and 1895-96, and received the degree, Bachelor of Science, in June 1892, and the degree, Graduate in Pharmacy, in June 1896. Attended Ohio Medical University, 1895-98, and received the degree, Doctor of Medicine, in 1898; attended Cleveland Homeopathic Medical College, 1898-99, and received the degree, Doctor of Medicine, in 1899. Fellowship in Chemistry, Ohio State University, 1895-96; Assistant in Chemistry, Ohio Medical University, 1896-98; Honorary Professor, Theory and Practice of Medicine, Cleveland Homeopathic Medical College, 1909 to the present time. Practicing Medicine since 1899, 427 East Long Street, Columbus, Ohio. Member of American Institute of Homeopathy, Homeopathic Medical Society of Ohio (Secretary since 1909), Knights of Pythias, D. O. K. K., and Pi Upsilon Rho.

Keller, Laura Edith Teacher
B. Sc. Dom. Sci. 1910
Box 316, Porterville, California

Born at Zanesville, Ohio, January 1, 1884. Attended the University of Illinois; attended the Ohio State University, 1908-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science. Supervisor of Domestic Art in public schools, Newark, Ohio, September 1910 to June 1911; at present, Teacher of Domestic Science and Art, Porterville Union High School, Porterville, California.

Kelly, Mary Agnes Teacher
B. A. 1906
321 Wilbur Avenue, Columbus, Ohio

Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts; attended University of Heidelberg, Germany, one year. Teacher in Winona Seminary, Winona, Minnesota, one year; spent three years in study and travel in Europe, especially in Germany, France, and Italy. At present, Teacher of German, East High School, Columbus, Ohio.

Kemmler, Edward Albert
C. E. 1888 Civil Engineer, Consulting
85 Deshler Ave., Columbus, Ohio

Born in Columbus, Ohio, July 26, 1867. Married Trecla Corzilius, August 17, 1898. Attended the Ohio State University six

years, and was graduated in June 1888, with the degree, Civil Engineer. Assistant Engineer, Union Pacific Railroad, 1889-90; Assistant Professor, Civil Engineering, Ohio State University, 1891-95; Assistant City Engineer, Columbus, Ohio, 1895-08; Supervising Engineer, Muskogee, Oklahoma, 1909-10; engaged in private work at present time. Past President, Columbus Engineers' Club; Past President, Ohio Engineering Society.

Kempton, Willard Hoyt Electrical Engineer
M. E. in E. E. 1905
The Ohio Brass Co., Mansfield, Ohio

Born at Trimble, Ohio, February 15, 1878. Married Alice Dunbar Coffin, June 4, 1908. Attended the Ohio State University, 1900-03, Fall of 1903, and Winter and Spring of 1905, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Engineering Department, Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., 1905-08; Electrical Engineer for The Johns-Pratt Company, Hartford, Connecticut, 1908-10; since 1910, Development Engineer for The Ohio Brass Company, Mansfield, Ohio. Among his published articles are, "The Application of Porcelain to Strain Insulation," American Institute of Electrical Engineers, June 1910; "The A. B. C. of Electricity in Mines," Mines and Minerals, June 1911. House address, 102 Sherman Avenue, Mansfield, Ohio.

Kennedy, John K. Attorney
52 E. Gay Street, Columbus, Ohio

Born in Columbus, Ohio, February 17, 1887. Attended the Ohio State University, 1904-09, and received a Certificate in Law in June 1909. Practicing Law in Columbus, Ohio. Member Masonic Order, Buckeye Republican Club, and Kappa Sigma.

Kern, Mary Hill
(Mrs. William F. Kern)
B. Sc. Dom. Sci. 1902
M. Sc. Dom. Sci. 1905
2330 N. Fourth St., Columbus, Ohio

Born in Fairfield County, Ohio. Married William Frederick Kern. Attended the Ohio State University, January 1898-02, 1904-05, and was graduated with the degree, Bachelor of Science in Domestic Science, in June 1902; received the degree, Master of Science in Domestic Science, in June 1905.

Kerr, Charles Henry Research Chemist
Cer. Engr. 1909
Pittsburgh Plate Glass Company
Pittsburgh, Pennsylvania

Born at Cleveland, Ohio, September 23, 1884. Married Hazel Cary, November 15, 1909. Attended the Ohio State University, 1902-05, 1908-09, and was graduated in June 1909, with the degree. Ceramic Engineer. Research Chemist, Riverton Lime Company, Riverton, Va., 1905; Research Chemist, Abrasive Material Company, Philadelphia, Pa., 1906; Research Chemist, The Carborundum Company, Niagara Falls, New York, 1907-08; Research Chemist, American Optical Company, Southbridge, Massachusetts, 1909-10; since May 1911, Research Chemist, Pittsburgh Plate Glass Company, Pittsburgh, Pa. Member of American Chemical Society, American Electro-chemical Society, American Ceramic Society, American Society for Testing Materials, International Association for Testing Materials, Society of Chemical Industry, American Association for Advancement of Science, and Sigma Xi. House address, Tarentum, Pennsylvania.

Kerr, Floyd Ellis Banker
McBee, South Carolina

Born at Tippecanoe City, Ohio, April 11, 1882. Attended the Ohio State University, 1900-01 in College of Arts, and 1901-04 in College of Law, and received a Certificate in Law, in June 1904. Practiced Law in Tippecanoe City, Ohio, 1904-10; during the year 1910 and first part of 1911 was Superintendent for the Melletta Land Company, McBee, South Carolina, owning 16,000 acres of land in South Carolina, and was General Claim Agent for the Charlotte, Monroe & Columbia Railway

Company; at present, Cashier of State Bank of McBee, and Secretary McBee Building and Loan Association. Mayor of McBee, South Carolina. Member of Masonic Order, and Sigma Alpha Epsilon.

Kershaw, Francis Stewart Curator
B. Ph. 1891
M. A. (Harvard University) 1895
6 Bond Street, Cambridge, Mass.

Born at Columbus, Ohio ,in 1869. Married Justine Frances Houghton in 1901. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Bachelor of Philosophy; attended Harvard University, 1891-95, and received the degree, Master of Arts, in June, 1895. Master of English, The Classical School, Boston, 1896-07; severed connection with The Classical School to study metal work, and the methods of Japanese craftsman, the result being his present position, that of Keeper of Chinese and Japanese Collections, Museum of Fine Arts, Boston. Has contributed various articles to the Bulletins of the Museum of Fine Arts, Boston. Director of the Cambridge School for Girls, Cambridge, Mass.; Director of the Elizabeth Peabody House; Member of Council of Society of Arts and Crafts, Boston; President of the Metal Workers' Guild; Secretary of the East Asiatic Society, Boston; member of Harvard Musical Association, Union Club, Oakly Country Club, Harvard Club of Boston.

Kester, Frederick Edward Professor
M. E. in E. E. 1895
M. A. (Cornell University) 1899
Ph. D. (Cornell University) 1905
Kansas State University
Lawrence, Kansas

Born in Eaton, Ohio, February 22, 1873. Married Tamar Daker Whitmyre, June 8, 1907. Attended the Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering; attended Cornell University, 1898-99, and received the degree, Master of Arts, in 1899; attended University of Goettingen, 1903-04; attended Cornell University, 1904-05, and received the degree, Doctor of Philosophy, in 1905. Fellow in Physics, Ohio State University, 1895-96; Assistant in Physics, Ohio State University, 1896-98; connected with Physics Department, Ohio State University, as Instructor, Assistant Professor and Associate Professor, 1899-09. Since 1909, Professor of Physics, University of Kansas. Has written "Study of Phosphorescence," Physical Review, 1899; "Joule-Thomson Effect," Physikalische Zeitschrift, 1904; same, Physical Review, 1905; some minor papers before American Physical Society, 1906; Chapter on Physics in Johnston's "High School Course" (Scribner's, 1912). Fellow, American Association for Advancement of Science, member American Physical Society, Sigma Alpha Epsilon and Sigma Xi.

Ketner, Victor Claire
Superintendent of Schools
Hoytville, Ohio

Born at Columbus Grove, Ohio, February 4, 1888. Married Alma Elizabeth Hall, February 1, 1911. Attended the Ohio State University, 1908-10, in the College of Arts. Principal of High School, Hoytville, Ohio, 1910-11; since 1911, Superintendent of Schools, Hoytville, Ohio.

Kiler, Abdel William Pharmacist
Ph. G. 1896
Eighth Avenue and High Street
Columbus, Ohio

Born in Parsons, Kansas, November 5, 1871. Married Lenora Wilcox, September 2, 1901. Attended Antioch College, Yellow Springs, Ohio, one year; attended the Ohio State University, 1893-96, and was graduated in June 1896, with the degree, Graduate in Pharmacy. Proprietor of Kiler Pharmacy, Columbus, Ohio, since 1896; also member of firm of Kiler-Walters Drug Company, Columbus, Ohio, since 1900. Appointed a member of Ohio State Board of Pharmacy by Governor

Harris, April 1, 1907. York and Scottish rite Mason, Knights Templar, 32d degree, Shriner, and Mystic Order of Veiled Prophets. Member of Acacia.

Kilmer, Arthur David Civil Engineer
C. E. 1907
The Consolidated Expanded Metal Co.
Pittsburgh, Pa.

Born at Cincinnati, Ohio, January 18, 1884. Attended the Ohio State University, 1902-05, and 1906-07, and was graduated in June 1907, with the degree, Civil Engineer. Civil Engineer, P. C. C. & St. L. Ry. Co., Columbus, Ohio, January 1905 to January 1906; Civil Engineer, with Wm. Wilson, Youngstown, Ohio, July 1907 to January 1908; in Civil Engineer's Office, Columbus, Ohio, January 1908 to April 1909; engaged in private work, Columbus, Ohio, April 1909 to April 1910; with P. C. C. & St. L. Ry. Co., Pittsburgh, Pa., April 1910 to September 1910; since September 1910, Civil Engineer with The Consolidated Expanded Metal Company, Pittsburgh, Pa. Member of American Society of Engineer Draftsmen.

Kimberly, Charles Hubbell Professor
B. Sc. Pharm. 1900 M. Sc. Pharm. 1901 Ph. D. (Providence University) 1905
Medico-Chirurgical College
Philadelphia, Pennsylvania

Born in North Fairfield, Ohio, October 29, 1877. Attended the Ohio State University, 1895-01, and was graduated in June 1900, with the degree, Bachelor of Science in Pharmacy, and in June 1901, with the degree, Master of Science in Pharmacy. Special student, North Dakota, 1904; attended Providence University in 1905, receiving the degree, Doctor of Philosophy; Medico-Chirurgical College, Honorary degree, Doctor in Pharmacy, 1910. Fellow in Chemistry, Ohio State University, 1900-01; Science teacher, High School, Bellefontaine, Ohio, 1901-02; Assistant Professor of Pharmacy, in charge of pharmacy work and chemist for State Food and Drug Commissioner, North Dakota Agricultural College and Experiment Station, 1902-06; Chemist, Meredith Drug Company, 1906-07; since 1907, Assistant Chemist, U. S. Department of Agriculture, and professor of analytic chemistry in the department of pharmaceutic chemistry, and of materia medica, department of pharmacy, Medico-Chirurgical College. Joint Authorship (Blakiston) "Pharmaceutic Chemistry," 1908. Member, American Chemical Society, and American Pharmaceutical Society. Secretary, Scientific Section, Philadelphia Branch, American Pharmacy Society.

Kinder, Gordon D. Attorney
B. Ph. 1900
Martins Ferry, Ohio

Born in Ottawa, Ohio, April 11, 1878. Married Charlotte Duncan, January 3, 1906. Attended Wooster University one year, and the Ohio State University, 1895-00, and was graduated in June 1900, with the degree, Bachelor of Philosophy. Attended College of Law, 1902-03. Practicing Law at Martins Ferry, Ohio. Member of Phi Gamma Delta, Theta Nu Epsilon and Phi Delta Phi.

Kindle, Joseph Henry Professor
B. A. 1905 M. A. 1907
University of Cincinnati,
Cincinnati, Ohio

Born in Centerville, Ohio, January 1, 1879. Attended the Ohio State University, 1901-07, and was graduated in June 1905, with the degree, Bachelor of Arts, and in June 1907, with the degree, Master of Arts. Attended University of Cincinnati, and Harvard University, 1908-09, and is now doing graduate work in University of Cincinnati. Fellow in Mathematics, Ohio State University, 1905-07; Instructor in Mathematics, University of Cincinnati, 1907-08; since 1909, Instructor in Mathematics, Co-operative Engineering Department, University of Cincinnati. Scottish Rite Mason, and member of Sigma Pi.

King, Arthur Frank Ceramic Engineer
Cer. Engr. 1909
Richlands, Virginia

Born in Columbus, Ohio, January 1, 1888. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Ceramic Engineer. Ceramic Engineer for Nelsonville Brick Company; at present, Superintendent, Richlands Brick Corporation, Richlands, Virginia.

King, Nellie Ely
(Mrs. William N. King)
B. A. 1907
200 East Oakland Avenue,
Columbus, Ohio

Born at Columbus, Ohio, August 11, 1885. Married William Newton King, August 17, 1910. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Teacher, Eldridge's Private School, Worthington, Ohio, 1907-08; Assistant Principal, High School, Lodi, Ohio, 1908-10.

King, Robert James Attorney
B. A. 1899 LL. B. 1902
Peoples Bank Bldg., Zanesville, Ohio

Born at Zanesville, Ohio, June 23, 1878. Attended the Ohio State University, January 1896 to June 1899, and was graduated in June 1899, with the degree, Bachelor of Arts; attended College of Law, 1901-02, and received the degree, Bachelor of Laws, in June 1902. At present, practicing attorney at Zanesville, Ohio, and Assistant General Attorney for the B. & O. R. R. Co. of Ohio and Indiana, and General Counsel, The Ohio River & Western Railway. Member, American Bar Association, The Ohio State Bar Association, and Beta Theta Pi.

King, Roy Stevenson Mechanical Engineer
M. E. 1902 M. Sc. (University of Minnesota) 1907
Fairbanks, Morse & Company
Des Moines, Iowa

Born in Xenia, Ohio, September 10, 1876. Married Estella Peterson, February 19, 1903. Attended the Ohio State University, 1895-96, 1897-98, 1900-02, and was graduated in June 1902, with the degree, Mechanical Engineer. Attended the University of Minnesota and was graduated in 1907, with the degree, Master of Science. Instructor in Mechanical Engineering, University of Minnesota, 1903-05; Assistant Professor, Experimental Engineering, Ohio State University, 1905-07; General Superintendent, Hall-Cronan Company, Dayton, Ohio, 1907-10; Engineering Department, Indiana Steel Company, Gary, Indiana, 1910-11; at present, Engineering Department, Fairbanks, Morse & Company, Des Moines, Iowa. Member, American Society of Mechanical Engineers, Society for Promotion of Engineering Education, Associate Member, American Society of Civil Engineers, and member of Sigma Xi.

King, William Newton Attorney
501-502 National City Bank Building
Charleston, West Virginia

Born at Celina, Ohio, November 6, 1882. Married Nellie Ely, August 17, 1910. Attended Lima Business College, 1901-02; attended the Ohio State University, in college of Law, 1906-08, and rereceived a Certificate in Law, in June 1908. High School Teacher, Ft. Recovery, Ohio, 1900-01; Law Office of Walter B. Richie, Lima, Ohio, 1901-06; Claim Agent, The Hocking Valley Railway Company, 1907-11; Claim Agent, The Kanawha & Michigan Railway Company, 1909-10; since 1911, General Attorney, The Kanawha & Michigan Ry. Co. Office at 501-502 National City Bank Building, Charleston, West Virginia. Member of Knights of Pythias, Delta Kappa and Delta Sigma Rho.

Kinkade, Alice Nurse
B. A. 1909
Marysville, Ohio

Born in Marysville, Ohio. Attended Glendale College, 1904-05; attended the Ohio State University, 1906-09, and was

graduated in June 1909, with the degree, Bachelor of Arts. In training for Nurse at Grant Hospital, Columbus, Ohio, since October 1909.

Kinney, James Edgar Attorney
LL. B. 1910
357 W. Tenth Ave., Columbus, Ohio

Born in Belmont, Ohio, January 15, 1887. Married Bertha Rankin, October 5, 1910. Attended the Ohio State University, 1905-07 in the Engineering College, and 1907-10 in the College of Law, and was graduated in June 1910, with the degree, Bachelor of Laws. At present, practicing Law and Assistant Attorney for The Buckeye State Building & Loan Company, Columbus, Ohio. Director, The Buckeye State Building & Loan Company. Member of Masonic Order, and Delta Tau Delta.

Kiplinger, Herman M. Sales Agent
The Aluminum Cooking Utensil Co.
402 Provident Bank Building
Cincinnati, Ohio

Born at Bellefontaine, Ohio, in 1885. Attended the Ohio State University, 1902-04, in the College of Arts. Salesman for The Aluminum Cooking Utensil Company, Cincinnati, Ohio. Member of Sigma Pi.

Kirby, Harriet Rebecca Teacher
B. A. 1898 M. A. 1903
84 W. Fifth Avenue, Columbus, Ohio

Born at Hudson, Ohio. Attended Lake Erie College; attended Ohio State University and was graduated in June 1898, with the degree, Bachelor of Arts, and in June 1903, with the degree, Master of Arts; attended summer sessions at University of Michigan, and University of Wisconsin. High School Teacher, Wasington C. H., Ohio; High School Teacher, Columbus, Ohio; at present, Head of Latin Department, North High School, Columbus, Ohio. Member of Classical Association of the Middle West and South, Columbus Latin Club, The Ohio State University Alumnae Club, Lake Erie College Alumnae Association, Woman's Auxiliary to the Board of Missions, College Women's Club, Columbus, Ohio.

Kirker, Harry Lepper Electrical Engineer
B. Sc. 1889 Railway Electrification
Westinghouse Electric and Manufacturing Co., Pittsburgh, Pa.

Born at Catlettsburg, Kentucky, March 4, 1866. Attended the Ohio State University, 1883-89, two years preparatory, and was graduated in June 1889, with the degree, Bachelor of Science. With Westinghouse Electric & Manufacturing Company, 1890-96; hydroelectric work in Idaho 1898-99; French Westinghouse, 1899-02; British Westinghouse, 1902-05; Resident Engineer, Mersey Railway electrification, Liverpool, 1902-03; Resident Engineer, Metropolitan Railway electrification, London, 1904-05; since 1906, with Westinghouse Electric & Manufacturing Company: Resident Engineer St. Clair Tunnel electrification, Grand Trunk Railway, Port Huron, Michigan, 1906-08; Resident Engineer, Rock Island Southern Railway electrification, Monmouth, Ill., 1911. Has published a paper on "Electrification of Steam Railways," Canadian Railway Club, March 1908. Member of American Institute of Electrical Engineers, Engineers' Society of Western Pennsylvania and Chi Phi. House address 6734 Thomas Boulevard, Pittsburgh, Pa.

Kirkpatrick, Donald Student
B. A. 1910
64 West Ninth Avenue,
Columbus, Ohio

Born in Oakland, California, December 29, 1884. Attended the Ohio State University, 1906-09, in College of Arts, and 1909 to the present time in College of Law. Was graduated in June 1910, with the degree, Bachelor of Arts.

Kirkpatrick, James M. Mining Engineer
E. M. 1907
629 Commonwealth Building
Denver, Colorado

Born at Hamilton, Ohio. Attended the Ohio State University, 1903-07, and was

graduated in June 1907, with the degree, Engineer of Mines. Engineer, Ranchos Orchard & Land Company, Taos, New Mexico, 1908-09; Engineer, Warner & Kinney Investment Company, 1910-11; at present, Secretary, E. C. Cornish Realty Company, Denver, Colorado. County Surveyor, Taos County, New Mexico, 1908-09.

Kirn, Irene Gromme
(Mrs. Jacob K. Kirn)
B. A. 1909
236 East King Street, Lancaster, Ohio

Born in Lancaster, Ohio, January 26, 1887. Married Jacob Keller Kirn, June 15, 1910. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Assistant Principal of High School, Canal Winchester, Ohio, also language Teacher, German and Latin, during the school year 1909-10.

Kirtley, Fred Hastings Attorney
1007-1016 Nicholas Building,
Toledo, Ohio

Born at Defiance, Ohio, in 1885. Attended the Ohio State University, 1903-06, and received a Certificate in Law in June 1906. Special Counsel in office of Attorney General of Ohio, 1908-10; at present, Practicing Law in Toledo, Ohio. Member of Phi Kappa Psi.

Kittle, James Monroe Manufacturer
Ohio Malleable Iron Company,
Columbus, Ohio

Born in West Virginia in 1880. Attended the Ohio State University, 1899-02, in the College of Engineering. With Pennsylvania R. R. one year; with Ohio Malleable Iron Company, nine years, and at present Assistant Superintendent of that company. Member of Masonic Lodge and Alpha Tau Omega.

Klie, Walter Mechanical Engineer,
M. E. 1903 Sales Engineer
1352 Ansell Road, Cleveland, Ohio

Born in Columbus, Ohio, November 23, 1881. Married Mabel Fuller, November 14, 1906. Attended the Ohio State University, 1899-03 undergraduate, 1903-04 graduate, and received the degree, Mechanical Engineer, in June 1903. With the Westinghouse Machine Company; with The Klie Plumbing & Heating Company, Columbus, Ohio; at present, Manager, Cleveland Office, The J. L. Mott Iron Works, New York. Member of Odd Fellows, Cleveland Atheletic Club, and Delta Tau Delta.

Kline, Charles Henry Assistant City Engineer
M. E. in E. E. 1897
46 LaBelle Street, Dayton, Ohio

Born at Miamisburg, Ohio, October 30, 1866. Married Ida May Morris, December 28, 1892. Attended Otterbein University, 1887-88; attended Ohio State University, 1893-97, and was graduated in June 1897, with the degree, Mechanical Engineer in Electrical Engineering. Chief Deputy County Surveyor, Montgomery County, Ohio, July 1897 to September 1901; Chief Engineer of Construction, Dayton & Troy Electric Ry. Co., September 1901 to September 1902; Superintendent of The Dayton Construction Company, September 1902 to June 1903; Chief Engineer of Construction, Cincinnati, Milford & Loveland Electric Railway, June 1903 to July 1904; Chief Engineer of Construction, Lima, Van Wert & Ft. Wayne Traction Co., July 1904 to January 1905; since January 1905, Assistant City Civil Engineer, Dayton, Ohio. Member of Ohio Engineering Society.

Klinefelter, Theron Albert Student
B. A. 1908
Ohio State University, Columbus, Ohio

Born at Woodbridge, California, May 1, 1886. Attended Otterbein University; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Teacher in High School, Chillicothe, Ohio, 1908-09; Principal of High School, New Lexington, Ohio, 1909-11; at present, Student in Col-

lege of Engineering, Ohio State University, Columbus, Ohio. Member of Masonic Order, and Acacia. Home address, 3756 Borden Street, Cincinnati, Ohio.

Kloeb, Frank L. State Insurance
Celina, Ohio Department, Examiner

Born at Celina, Ohio, June 16, 1890. Attended the Ohio State University, 1908-09, in the College of Arts. Secretary to Congressman, Fourth Congressional District, 1910-11. Since 1911, Examiner State Insurance Department. Member of Sigma Alpha Epsilon.

Klyne, Paul S. Mining Engineer
B. Sc. (Mt. Union College) 1905
E. M. 1909
2 Groff Block, Piqua, Ohio

Born at Deerfield, Ohio, May 26, 1883. Attended Mount Union College two years and received the degree, Bachelor of Science; attended Ohio State University, 1905-09, and received the degree, Engineer of Mines, in June 1909. Since 1909, Chemist and Shipping Clerk, The Ohio Marble Company, Piqua, Ohio. Member of Cosmopolitan Club of Piqua, Ohio.

Knight, Sidney Thomas
Contractor, Paving and Concrete
23 East State Street, Room 6
Columbus, Ohio

Born in Columbus, Ohio, September 18, 1867. Married Erma D. Wood, in 1895. Attended the Ohio State University from January 1891 to June 1892, in the College of Veterinary Medicine. Engaged in Street and General Contracting in Columbus, Ohio.

Knight, William Abner Professor
M. E. 1900
Ohio State University, Columbus, Ohio

Born in Delaware County, Ohio, January 12, 1864. Married Mary Allen, February 26, 1885. Was graduated from the Ohio State University in June 1900, with the degree, Mechanical Engineer. Most of his college work was done at the University while Instructor in Department of Industrial Arts, extending from Spring of 1893 to 1900. Apprentice, 1881 to 1885; Engineer, Union Station, Columbus, Ohio, 1885-88; Journeyman-Machinist, 1898-00; Foreman-Machinist, 1890-93; came to Ohio State University as Assistant in Industrial Arts in 1893. At present Associate Professor of Machine Shop Practice of Ohio State University. Among his published articles are, "How to Handle a File," Machinery, August 1908 (Machinery Reference Series No. 59); "Extension Tool Holder for Shaper," Machinery, October 1908; "Setting Angles for Milling Machines," Machinery, November 1908; "Lathe Tools for Finishing Cuts," American Machinist, April 8, 1908 "Metal Dynamograph," American Machinist, August 26, 1909; "Arbor for Shell Reamer," Machinery, September 1909; "Determining Depreciation of Underground Heating Pipes," Metal Worker, December 1909; "The Hughes Dynamometer," American Machinist, January 20, 1910; "Trisecting any Angle by Means of an Hyperbola," School Science and Mathematics, October 1910. Member of Society for Promotion of Engineering Education, Engineers' Club of Columbus, Ohio, National Association of Stationary Engineers and of Sigma Xi.

Knisely, Clyde J. Civil Engineer
C. E. 1907
Northern Ohio Traction & Light Co.,
New Philadelphia, Ohio

Born at New Philadelphia, Ohio, May 11, 1877. Attended Scio College, Scio, Ohio, one year; J. P. Kuhn's Normal School, New Philadelphia, Ohio, two years; attended Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer. City Engineer, New Philadelphia, Ohio, three years; County Surveyor of Tuscarawas County, Ohio, two years; Assistant Engineer, State Highway Department of Ohio, two years. At present, with Northern Ohio Traction & Light Company, New Philadelphia, Ohio. Member of Acacia.

Knoderer, Homer Guy
Salesman, Electrical Appliances
76 18th Avenue, Columbus, Ohio

Born in Columbus, Ohio, November 13, 1880. Married Caroline A. Bruce, October 9, 1906. Attended the Ohio State University 1898 to January 1902, in the College of Engineering. Salesman, Westinghouse Electric & Manufacturing Company. At present, Salesman, Electric Renovator Manufacturing Company.

Knopf, Carl LaFayette Professor
M. E. in E. E. 1905
Oregon Agricultural College
Corvallis, Oregon

Born in Columbus, Ohio, September 21, 1881. Married Myrtle Kelly, July 22, 1907. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Mechanician and Electrician for Electrical Engineering Laboratory, Ohio State University, 1905-08. Since 1908, Instructor in Mechanical Engineering, Oregon Agricultural College. Associate member American Institute of Electrical Engineers and Gamma Phi.

Knopf, George William
B. Sc. 1883 Construction Engineer
McClintic-Marshall Construction Co.,
Pottstown, Pennsylvania

Born in Columbus, Ohio, April 16, 1864. Married Amber Stacy, June 6, 1889. Attended the Ohio State University, 1877-83, and was graduated in June 1883, with the degree, Bachelor of Science. With U. S. Weather Bureau, Washington, D. C., 1883-86; Drafting Structural Steel Work, Pittsburgh, Pa., 1886-94; Engineering Practice, Pittsburgh, Pa., 1894-00; Engineer, McClintic-Marshall Construction Company, Pottstown, Pa., 1900-05; Contracting Engineer for above company, 1905-06, and since 1906, Assistant Manager of that company.

Knox, John Dorsey Physician
B. A. 1904
M. A. (Adelbert College) 1908
M. D. (Western Reserve University) 1908
Niles, Ohio

Born in Bellefonte, Pennsylvania, in 1881. Attended the Ohio Medical University, 1898-00; attended Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts; attended Western Reserve Medical University, 1905-08, and received the degree, Master of Arts, Adelbert College, 1908, and Doctor of Medicine, Western Reserve University, 1908. Interne, Charity Hospital, Cleveland, Ohio, 1908-10; Interne, St. Ann's Hospital, Cleveland, 1910-11; in private practice of Medicine at the present time at Niles, Ohio. Member Trumbull County Medical Association, Cleveland Academy of Medicine and Gamma Phi.

Kochheiser, Charles Clinton Teacher
B. A. 1904
Zanesville, Ohio

Born in Bellville, Ohio, December 25, 1877. Attended Wittenberg College, and the Ohio State University two years, and was graduated in June 1904, with the degree, Bachelor of Arts. Principal of High School, Bellville, Ohio, 1904-06; Principal of High School, Leetonia, Ohio, 1906-10; since 1910, Teacher of U. S. History and Civics, Zanesville, Ohio.

Koehne, Martha Chemist
B. A. 1908 M. A. 1910
356 W. Seventh Ave., Columbus, Ohio

Born in Ohio. Attended the Ohio State University three years in undergraduate work, 1905-08, and two years in graduate work, 1908-10, and was graduated in June 1908, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Fellow in Chemistry, Ohio State University, 1908-10; Head of Physical Science Department, Wilson College,

Chambersburg, Pennsylvania, September, 1910 to April 1911. Since April 1911, Chemist for Ohio State Board of Health. Member of Phi Beta Kappa.

Kohl, Clayton Charles Professor
B. Ph. 1901
Pd. M. (New York University) 1907
Ph. D. (New York University) 1910
Mt. Holyoke College, South Hadley, Massachusetts

Born in Perrysburg, Ohio, June 15, 1875. Married Margaret Williams, August 2, 1905. Attended the Ohio State University, 1896-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy; attended New York University, 1906-10, and was graduated in 1907, with the degree, Master of Pedagogy, and in 1910, with the degree, Doctor of Philosophy. Principal of High School, Mechanicsburg, Ohio, 1901-04; Superintendent of Public Schools, Mechanicsburg, Ohio, 1904-06; Helen Miller Gould Fellow in Pedagogy, New York University, 1906-07; Tutor in History, College of the City of New York, 1907-09. At present Professor of Education, Mount Holyoke College, South Hadley, Massachusetts. Member National Education Association, New England Association of Colleges and Preparatory Schools, New England Association of College Teachers of Education, and Phi Beta Kappa.

Kohler, Gustav Adolph
Construction Engineer
609 Cuyahoga Building,
Cleveland, Ohio

Born at Chillicothe, Ohio, February 7, 1880. Attended the Ohio State University, 1900 to April 1902, in the College of Engineering. Structural Draftsman and Designer, Osborn Engineering Company; has also acted as Bridge Inspector; at present, Structural Engineer and Designer, Anton Burchard, consulting engineer, Cleveland, Ohio. Member of Cleveland Engineering Society, The Lakewood C. L. S. C.

Kohr, Paul Homer Real Estate
B. A. 1903
R. F. D. Linden Heights, Ohio

Born at Pataskala, Ohio, February 19, 1882. Attended Otterbein University, 1898-00; attended Ohio State University, 1900-03, and was graduated in June 1903, with the degree, Bachelor of Arts. At present engaged in Real Estate business. Member of Kappa Sigma.

Koons, Harry W. Attorney
LL. B. 1907
Kirk Building, Mt. Vernon, Ohio

Born at Mt. Vernon, Ohio, in 1884. Married Fannie Sapp, December 16, 1908. Attended Kenyon College, 1901-03; attended Ohio State University, 1904-07, and was graduated in June 1907, with the degree, Bachelor of Laws. Attorney-at-Law, Mt. Vernon, Ohio, since 1907. Edited Case Book on Domestic Relations, published in 1906. Justice of Peace, Knox County, Ohio, 1910-11. Member of Knights of Pythias and Sons of Veterans.

Korst, William Mercantile Business,
Chillicothe, Ohio Groceries

Born at Chillicothe, Ohio, January 8, 1875. Married Mabel Mosher, June 30, 1905. Attended the Ohio State University three years, from September 1892 to June 1895. At present Vice-President, The Mosher Grocery Company, Chillicothe, Ohio. Lieutenant, U. S. Army, 1900-06, Knight Templar and a member of Sigma Alpha Epsilon. Received Philippine Service Medal, U. S. Army.

Krauss, Bertha Katherine Librarian
B. Ph. 1892
Johns Hopkins University Library, Baltimore, Md.

Born in Ottawa, Ohio, May 6, 1871. Attended Adrian College, Adrian, Michigan, one and a half years, 1888-89; attended Ohio State University two and a half years, 1890-92, and was graduated in June 1892, with the degree, Bachelor of Philosophy; attended Pratt Institute,

School of Library Science, Brooklyn, New York, 1910-11. Teacher in High School, St. Charles, Minnesota, 1893-94; Teacher in High School, Ottawa, Ohio, 1894-96; Teacher in High School, Adrian, Michigan, 1909-10. At present Cataloguer, Johns Hopkins University Library. Member of Kappa Kappa Gamma. Home address, Ottawa, Ohio.

Krieger, Charles Henry Traveling Salesman
G. Ph. 1887 Chemicals
95 Fourteenth Avenue, Columbus, Ohio

Born at Pittsburgh, Pennsylvania, September 5, 1866. Married Nellie Mason, December 25, 1888. Attended the Ohio State University, 1885-87, and received the degree, Graduate in Pharmacy, in June 1887. Buyer for Kauffman-Lattimer Company, Columbus, Ohio, 1887-00; Buyer for Morrison Plummer Company, Chicago, Ill., 1900-02. Since 1902, Traveling Salesman, Merck & Company, manufacturing chemists, New York City.

Krumm, Charles S. M. Attorney
B. Ph. 1896 LL. B. 1898
269½ South High Street
Columbus, Ohio

Born in Columbus, Ohio, October 16, 1874. Attended the Ohio State University, 1892-96, in College of Arts, and was graduated in June 1896, with the degree, Bachelor of Philosophy; 1896-98, in College of Law, and was graduated in June 1898, with the degree, Bachelor of Laws. At present, Practicing Law in Columbus, Ohio. Member of Sigma Nu.

Krumm, Thomas Zettler Civil Engineer,
C. E. 1902 Construction
Northern Pacific Ry. Co., St. Paul, Minnesota

Born in Columbus, Ohio, July 20, 1881. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Civil Engineer. Resident Engineer in charge of construction of Freight and Grain Terminals at Omaha and Omaha Extension of Chicago Great Western Ry., September 1902 to April 1905; Assistant City Engineer, Columbus, Ohio, April to October 1905; Engineer in charge of Construction and Operation of Pingree West Lines of Northern Pacific Ry. Co., St. Paul, Minnesota, which position he has held since October, 1905.

Kuenzel, Felix Adam Student
B. Sc. Ind. Arts 1908
Philadelphia Textile School
Philadelphia, Pennsylvania

Born at New Bremen, Ohio, December 21, 1884. Attended Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Industrial Arts. With Winthrop Mills Company (Textiles), Winthrop, Maine, October 1, 1908 to November 1, 1909; Draftsman and Designer, Minster Machine Company, Minster, Ohio, January to September 1910. At present attending Philadelphia Textile School, wool and worsted course, October 1910 to June 1912. Member of Phi Psi (Textile). House address, New Bremen, Ohio.

Kuhn, Harry Waldo Professor
B. Sc. 1897
D. Ph. (Cornell University) 1901
Ohio State University, Columbus, Ohio

Born at Etna, Ohio, May 26, 1874. Married Ida Isabelle Dowdell, June 21, 1906. Attended the Ohio State University, 1891-97, two years preparatory, and was graduated in June 1897, with the degree, Bachelor of Science; attended Cornell University, 1898-01, and received the degree, Doctor of Philosophy in 1901; attended University of Bonn, Germany, 1911-12. Fellow and Assistant in Mathematics, Ohio State University, 1897-98; Oliver Scholar in Mathematics, Cornell University, 1898-99; Erastus Brooks Fellow in Mathematics, ibid., 1899-00; Assistant in Mathematics, ibid., 1900-01; Assistant Professor in Mathematics Ohio State University, 1901-07; Associate Professor of Mathematics, ibid., 1907-08; Professor of Mathematics, ibid., at the present time.

Absent on leave, 1911-12. Has published an article on "Imprimitive Substitution Groups," 1904. Member of American Mathematical Society, Sigma Xi and Phi Beta Kappa.

Kurtz, Charles J. Crushed Stone
423 Chamber of Commerce Building
Columbus, Ohio

Born at Athens, Ohio, July 10, 1885. Married Maybelle Bradley, August 25, 1909. Attended the Ohio State University two years and one term, 1904-06, and Fall of 1906, in College of Arts. At present Secretary and Treasurer, The Guanajnato Reduction & Mines Company and The Scioto Stone Company. Member of Beta Theta Pi.

Laird, Maurice Ellsworth Sales Agent
B. Sc. Agr. 1907
Box 11, Ft. Wayne, Indiana

Born at London, Ohio, August 29, 1884. Attended the Ohio State University, 1902-07, and was graduated in June 1907, with the degree, Bachelor of Science in Agriculture. Farming for one year; in book store of A. H. Smythe, Columbus, Ohio, several months; Assistant in Beef Department, National Packing Company, Chicago, for one year; Assistant Manager of Beef Department, Omaha Packing Company, South Omaha Branch, two years. At present, Salesman for G. H. Hammond Company, headquarters, Fort Wayne, Indiana. Member of Alpha Zeta.

Laizure, Grant Arlington Teacher
B. Sc. Edu. 1908 M. A. 1909
1902 Jackson Street
Seattle, Washington

Born at Tippecanoe, Ohio, December 1, 1879. Married Mabel M. Bever, August 9, 1905. Attended Ohio University one year; attended Ohio State University, 1902-04, 1907-08, and was graduated in June 1908, with the degree, Bachelor of Science in Education; graduate work, 1908-09, and received the degree, Master of Arts, in June 1909. Teacher in Grammar School, Clintonville, Ohio, 1904-05; High School Teacher, Groveport, Ohio, 1905-07; Teacher of Science, High School, Milo, Ohio, 1907-09. Since 1909, Teacher of Physiography, Franklin High School, Seattle, Washington.. Member of Seattle Commercial Club.

Lake, Charles Henry Principal High School
B. A. 1909 M. A. 1910
Hamilton, Ohio

Born in Granville, Ohio, December 2, 1879. Married Edna Thornton, December 26, 1910. Attended Wooster University; attended University of Chicago; attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Teacher Hamilton Township High School, 1903-04; Superintendent, Alexandria Schools, 1904-06; Science Teacher, East High School, Columbus, Ohio, 1906-09. Since 1909, Principal, Hamilton High School, Hamilton, Ohio. He has published an article on "Rectifying Effect in Point and Plane Discharge," in the American Physical Review. Member of American Physical Society, Phi Gamma Delta, Phi Beta Kappa and Sigma Xi.

Lamb, Ethel Fisher
(Mrs. Rex M. Lamb)
B. A. 1906 M. A. 1907
304 East Gambier Street, Mt. Vernon, Ohio

Born in Ludlow, Kentucky, in 1883. Married Rex McNaghten Lamb in 1910. Attended the Ohio State University, 1903-06, in undergraduate work and 1906-07 in graduate work, receiving the degree, Bachelor of Arts, in June 1906, and the degree, Master of Arts, in June 1907. Teacher of German and English, Fremont,

Ohio, 1907-09; Teacher of German and English Indianola High School, Columbus, Ohio, 1909-10. Member of Phi Beta Kappa.

Lamb, Whitney E. Banker
M. E. in E. E. 1900
Scioto Bank, Commercial Point, Ohio

Born at Darbyville, Ohio, April 18, 1877. Was married October 28, 1903. Attended the Ohio State University, 1895-00, and was graduated in June 1900, with the degree, Mechanical Engineer in Electrical Engineering. Electrical work, with Columbus Street Railway Company, 1900; in Testing and Engineering Departments, General Electric Company, 1901-06; Farmer and Stockman from 1906-10. At present Cashier, Scioto Bank; Farmer and Stock Dealer. Since 1909, Clerk of Scioto Township, Pickaway County, Ohio. Since 1907, Clerk of Commercial Point Corporation. Member of Masonic Order.

Lambert, Fonsa Allan Professor
D. V. M. 1910
Ohio State University, Columbus, Ohio

Born at Kenton, Ohio, December 4, 1886. Married Dorothy Irvine, December 14, 1911. Attended Oberlin College, 1905-06; attended Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Doctor of Veterinary Medicine. Assistant Demonstrator of Anatomy, College of Veterinary Medicine, Ohio State University, January 1909 to June 1910. Since June 1910, Assistant Professor of Comparative Anatomy, Ohio State University. Member of Sigma Alpha Epsilon and Alpha Psi.

Landacre, Francis Leroy Professor
B. A. 1895
Ohio State University, Columbus, Ohio

Born at Hilliard, Ohio, February 13, 1867. Married Frances Yeazell. Attended the Ohio Wesleyan University, 1889-90, 1891-93; attended Ohio State University, 1893-95, and was graduated in June 1895, with the degree, Bachelor of Arts; attended University of Chicago in 1897, and Summers of 1898 and 1899. Professor of Embryology, Ohio Medical University since 1896; Assistant in Zoology and Entomology, Ohio State University, 1895-00; Assistant Professor of Zoology and Entomology, ibid., 1900-02; Associate Professor of Zoology and Entomology, ibid., 1902-08. Since 1908, Professor of Zoology and Entomology, Ohio State University. Among his publications are, "On the Place of Origin and Method of Distribution of Taste Buds in Ameiurus Melas," Journal Comp. Neur. and Psychol. XVII., 1-66; "Sponges and Bryozoans of Sandusky," Ohio Nat., Vol. I., p. 96; "The Rate of Growth in Epistylis Flavicans," Ohio Nat., Vol. V., 325; "The Protozoa of Sandusky Bay and Vicinity," Ohio Acad. Sci. S. P., 13; "The Origin of the Cranial Ganglia in Ameiurus," Jour. Comp. Neurology and Psychology, Vol. XX:. p. 309, September 1910; "The Epibranchial Placodes of Ameiurus," Ohio Nat. Vol. VIII., 251; "The Origin of the Sensory Components of the Cranial Ganglia," The Anatomical Record, Vol. IV., p. 71, 1910; "The Epibranchial Placodes of Lepidosteus and their Relation to the Cerebral Ganglia," Journal of Neurology, February 1912, 90 pp. Member of Ohio Academy of Science, American Association for Advancement of Science, American Anatomical Society, American Society of Zoologists, Kappa Sigma and Sigma Xi.

Landacre, Walter Alexander Chemist
G. Ph. 1891 B. Sc. Phar. 1902
Landacre & Schroth, Columbus, Ohio

Born at Hilliard, Franklin County, Ohio, January 25, 1869. Was married July 7, 1892. Attended the Ohio State University, 1888-91, 1897-99, 1901-02, and was graduated in June 1891, with the degree, Graduate in Pharmacy, and in June 1902, with the degree, Bachelor of Science in Pharmacy. Chemist with H. Braun Sons & Company, Columbus, Ohio, 1891-97; Student at Ohio State University, 1897-99; Assistant Professor of Pharmacy, Ohio

State University, 1899-01; Student, ibid., 1902; Manager Store Room, Ohio State University, 1903; Assistant Chemist, Columbus Iron & Steel Company, Summer of 1902; since 1903, Chemist, H. Braun & Sons Co.; Instructor in Chemistry, Y. M. C. A., Columbus, Ohio, since 1897; Analytical and Consulting Chemist, Landacre & Schroth, Columbus, Ohio, since 1911. Member Sigma Xi. House address, 410 East Oakland Avenue, Columbus, Ohio.

Landrum, Francis Harold Bacteriologist
B. Sc. Pharm. 1910 M. A. 1911
228 North Monroe Avenue
Columbus, Ohio

Born at Centerburg, Ohio, March 7, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Pharmacy; attended Starling-Ohio Medical College in 1908; graduate student Ohio State University, 1910-11, and received the degree, Master of Arts, in June 1911. At present operating a Bacteriology and Chemistry Laboratory. Member of American Chemical Society, Masonic Order, 32d Degree, Shriner, Acacia, Sigma Nu and Alpha Kappa Kappa.

Lane, Daniel Park Construction Engineer
C. E. 1908
Unit Construction Co., 801 Liggett Building, St. Louis, Mo.

Born at Cincinnati, Ohio, December 1, 1884. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer. Timekeeper, Foreman, Assistant Superintendent with Ferro-Concrete Construction Company; Engineer on Washington Street Tunnel, Chicago, with the George W. Jackson Company. At present, Assistant Chief Engineer, Unit Construction Company, St. Louis, Missouri. Member of Delta Upsilon and Triangle. House address, 2140 Lafayette Avenue, St. Louis, Missouri.

Lanman, Faith Robinson
Director Domestic Science
B. Sc. Dom. Sci. 1903
B. Sc. P. (Columbia University) 1907
1447 Fair Avenue, Columbus, Ohio

Born at New London, Connecticut, November 21, 1881. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Science in Domestic Science; attended Teachers' College, Columbia University, and received the degree, Bachelor of Science in Pedagogy, in 1907. Teacher of Domestic Science and Art, St. Petersburg, Florida, 1903-06. Since 1906, Director of Domestic Science, Public Schools, Columbus, Ohio.

Lattimer, Curtis Crum Civil Engineer
1370 Summit Street, Columbus, Ohio

Born at Hilliard, Ohio, September 18, 1886. Married Ruth B. Armstrong, April 11, 1911. Attended the Ohio State University, 1905-08, in the College of Engineering. Draftsman, Claim Department, The Jeffrey Manufacturing Company, Columbus, Ohio, one year and half. Since September 1909, Deputy County Surveyor, Franklin County, Ohio. Member of Masonic Order, Scottish Rite, Shriners, Elks Lodge, Republican Glee Club, Alpha Tau Omega and Theta Nu Epsilon.

Laughlin, Hugh C. Teacher
B. A. 1890
M. A. (University of Nebraska) 1895
530 West 123d Street, New York City

Born in Logan County, Ohio, in 1865. Married Adah Frances Smith, June 23, 1897. Attended the Ohio State University, 1884-90, and was graduated in June 1890, with the degree, Bachelor of Arts; attended University of Nebraska, 1894-95, and received the degree, Master of Arts, in 1895; attended Chicago University, Summer Session, 1897, and Columbia University, Summer Sessions, 1903 and 1905; Special Courses under Brander Matthews at Columbia University, 1902-04; attended Cornell University, Summer

Session, 1906. Principal of Schools, Orleans, Nebraska, 1890-91; Principal of Schools, North Loup, Nebraska, 1891-93; Principal of Schools, Del Norte, Colorado, 1893-94; Instructor in Latin, University of Nebraska, Lincoln, Nebraska, 1894-95; Assistant Principal of High School, Hazleton, Pennsylvania, 1895-98; Instructor in English, Morris and Stuyvesant High Schools, New York City, 1898-12. At present Instructor in English, Morris High School, New York City. Editor of School Edition, "Selections from Browning," 1912, and a series of Vertical Writing Books, 1899. Member of Graduates' Club of New York City and Chi Phi.

Lawler, James Frederick Pharmacist
1 West High Street, Mt. Vernon, Ohio

Born in Mt. Vernon, Ohio, February 22, 1883. Attended the Ohio State University, 1903-05, and received a Certificate in Pharmacy in June 1905. Apprentice in drug business with Ed. Dever, Mt. Vernon, Ohio, 1899-03; while in college was employed by Long & Kiler, Columbus, Ohio, 1903-05; with C. S. Ashbrook, Mansfield, Ohio, Fall of 1905 to April 1906; with Ed Dever, Mt. Vernon, Ohio, April 1906 to March 1909. At present Proprietor Lawler's Pharmacy, Mt. Vernon, Ohio. Member of Ohio State Pharmaceutical Association, Mt. Vernon Citizens' Association, Lodge of Elks, Knights of Columbus.

Lawrence, Mary Elizabeth Missionary
B. A. 1906
Passur, Sialkot District, India

Born at Martin's Ferry, Ohio, July 25, 1884. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Teacher of Latin and English, Madison High School, Duvall, Ohio, two years; attended Moody Institute, Chicago, Illinois; took short course as nurse at Grant Hospital, Columbus, Ohio. Since September 1909, Passur, Sialkot District, India, as missionary, under care of United Presbyterian Church.

Laybourne, Lawrence Everette Attorney
LL. B. 1902
708-711 Fairbanks Building
Springfield, Ohio

Born at Springfield, Ohio, February 5, 1879. Married Jean Broadstone, October 12, 1910. Attended the Ohio State University 1897-99, in the College of Arts, and 1899-02, in the College of Law, and was graduated in June 1902, with the degree, Bachelor of Laws. Prosecuting Attorney, Clark County, Ohio, January 1, 1907 to January 1, 1913; Attorney-at-Law with firm McGrew & Laybourne, Springfield, Ohio.

Laylin, Robert Weyburn Banker
B. A. 1908
Teller, City National Bank
Columbus, Ohio

Born at Norwalk, Ohio, May 7, 1886. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. At present Teller, City National Bank, Columbus, Ohio. Member of Kappa Sigma. House address, 203 Tenth Avenue, Columbus, Ohio.

Layton, Roy Everett Attorney
B. A. 1895 LL. B. 1897
Wapakoneta, Ohio

Born in Wapakoneta, Ohio, July 23, 1873. Was married on June 5, 1905. Attended the Ohio State University, 1891-97, receiving the degree, Bachelor of Arts, in June 1895, and the degree, Bachelor of Laws, in June 1897. Second Lieutenant, Company L, Second O. V. I., Spanish-American War, March 1898 to February 1899; Captain of Company L, Second O. N. G., for three years. Since 1899, Practicing Law at Wapakoneta, Ohio, and at present City Solicitor of Wapakoneta, Ohio. Author of a series of newspaper articles during the Spanish-American War, later published in pamphlet form, "History of Company L, O. N. G. (1899). Also, pamphlet and newspaper articles on "The New Municipal Code" (1902). Has been Solicitor of Wapakoneta, Waynesfield, Cri-

dersonville, Kossuth and Uniopolis; Secretary-Treasurer for two years past of The Village Solicitors' Association of Ohio; Member of Knights of Pythias, Elks, The Eagles, Modern Woodmen of America, United Spanish War Veterans, Beta Theta Pi and Phi Delta Phi.

Lebold, Waldo Roy Teacher
B. A. (Heidelberg University) 1903
M. A. 1905
919 Stewart Ave., Cambridge, Ohio

Born at Attica, Ohio, November 3, 1880. Attended Heidelberg University, Tiffin, Ohio, 1899-03, and received the degree, Bachelor of Arts, in 1903; attended Ohio State University, 1904-05, and was graduated in June 1905, with the degree, Master of Arts. Principal of High School, Attica, Ohio, 1903-04; Assistant Principal of High School, Richwood, Ohio, 1905. Since 1905, Instructor in High School, Cambridge, Ohio.

Lee, Louis Robert Electrical Engineer
M. E. in E. E. 1906
E. W. Clark & Co., 909 Wyandotte Bld., Columbus, Ohio

Born in Kirtland, Ohio, August 20, 1881. Married Wilma E. Rickner, January 1, 1910. Attended the Ohio State University, 1901-04 and 1905-06, and was graduated in June 1906, with the degree, Mechanical Engineer in Electrical Engineering. Since May 28, 1906, Assistant to M. S. Hopkins, Consulting Manager and Engineer of Railway and Lighting properties for E. W. Clark & Co., Philadelphia, Pa.; local office, 909 Wyandotte Building, Columbus, Ohio. At present Chief Engineer of the same. House address, Broadview Avenue, Grandview Heights, Columbus, Ohio.

Lee, Walter Scott Civil Engineer
C. E. 1910
900 Ferry Avenue, Niagara Falls, New York

Born at Harlem Springs, Ohio, March 23, 1888. Attended Scio College, three years; attended Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Civil Engineer. Deputy County Surveyor, Carroll County, Ohio, 1908 and 1909. Since August 1, 1910, Chief of Field Party, Hydraulic Power Company, Niagara Falls, New York.

Leeper, Ralph W. Mechanical Engineer
M. E. 1907
General Electric Company, Provident Bank Building, Cincinnati, Ohio

Born in Marysville, Ohio, December 5, 1883. Married November 23, 1910. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer. Testing Department, General Electric Company, Schenectady, New York, July 1907 to August 1910. Since 1910, Engineering Department, General Electric Company, Cincinnati, Ohio. Member of American Society of Mechanical Engineers.

LeFeaver, James Harrison Topographer
U. S. Geological Survey
Washington, D. C.

Born at Delta, Ohio, May 11, 1885. Attended the Ohio State University, 1907-11, except Fall of 1909, in the College of Engineering. With the U. S. Geological Survey, Summers of 1909, 1910, and continuously since June 1911; now Topographer, U. S. Geological Survey. Member of Masonic Order and New York Club.

Lefferson, Charles Henry Pharmacist
213 West High Street, Lima, Ohio

Born in Middletown, Ohio, May 14, 1898. Married Fannie F. Wheeler, April 16, 1903. Attended the Ohio State University, 1899-01, and received a Certificate in Pharmacy in June 1901. Managed Goodale Street Pharmacy, Columbus, Ohio, until December 1901; proprietor Oakwood Pharmacy 1901-04, and of drug store at corner Clinton and Fifth streets from January 1905 to May 1909. At present proprietor of Drug Store, 213 W. High Street, Lima, Ohio. Member of Masonic Order, Knights of Pythias, and of Allen County Pharmaceutical Association.

Leibold, Carl Peter Sales Engineer
M. E. in E. E. 1904
Ohio Brass Co., Mansfield, Ohio

Born in Peru, Illinois, April 18, 1882. Attended the Ohio State University, 1898-99 and 1901-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Engineering Apprentice, June 1904 to June 1906. Since June 1906, Salesman of Electrical Railway Construction Supplies, with the Ohio Brass Company, Mansfield, Ohio. Member of Masonic Order, American Institute of Electrical Engineers and Delta Upsilon. Home address, 229 W. Eleventh Avenue, Columbus, Ohio.

Leighninger, William Blaine Professor
B. A. (West Lafayette College) 1904
B. A. 1906 M. A. 1911
John Harrison Laboratory of Chemistry, University of Pennsylvania, Philadelphia, Pa.

Born in West Lafayette, Ohio, March 12, 1883. Attended West Lafayette College, 1901-04, and was graduated in 1904, with the degree, Bachelor of Arts; attended Ohio State University, 1904-06 and 1909-11, and was graduated in June 1906, with the degree, Bachelor of Arts, and in June 1911, with the degree, Master of Arts. With Carnegie Steel Company, Sharon, Pennsylvania, 1906-08; Fellow in Chemistry, Ohio State University, 1910-11. At present Instructor in Chemistry, University of Pennsylvania. Member of Acacia.

Leinbach, Heber Wilson Electrical Engineer
M. E. in E. E. 1911
Seabord Air Line Railway
Jacksonville, Florida

Born at Rossville, Georgia, February 6, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. Railroad Accountant, Railway Accountants' Department, Southern Express Company, Chattanooga, Tenn., 1904-07; Electrician, Seaboard Air Line Ry., Portsmouth, Virginia, Summers of 1907, 1908, 1909, 1910 and 1911. Since October 1911, Chief Electrician, Seaboard Air Line Railway, Jacksonville, Florida. Member of American Institute of Electrical Engineers and Eta Kappa Nu.

Lentz, Florence Teacher
B. Ph. 1901
221 West Fifth Street,
Marysville, Ohio

Born in Cardington, Ohio, October 17, 1876. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy. Graduate student in Ohio State University Summer School, 1907, and attended University of Chicago Summer School, 1909. Teacher in Marysville Public Schools, 1903-07. Since 1907, Teacher in High School, Marysville, Ohio.

Leonard, Bertha Hopkins
(Mrs. F. E. Leonard)
B. Ph. 1902
M. A. (Oberlin College) 1904
174 East College Street, Oberlin, Ohio

Born at St. Petersburg, Pennsylvania, June 9, 1879. Married F. E. Leonard, M. D., June 27, 1908. Attended Ohio State University and was graduated in June 1902, with the degree, Bachelor of Philosophy; attended Oberlin College, 1903-04, and received the degree, Master of Arts, in 1904. Teacher in Public Schools, Marysville, Ohio, 1902-03; Director Physical Training, Y. W. C. A., Jackson, Michigan, 1904-05; Director Physical Training, Play Grounds, Pittsburgh, Pa., Summer of 1905; Director Physical Training, Y. W. C. A., Youngstown, Ohio, 1905-06; Teacher of Physical Training, Columbia University, New York, Summer of 1906; Director of Physical Education for Women, Ohio State University, 1906-08. Member of Delta Delta Delta.

Leslie, Roy Frank Veterinarian,
D. V. M. 1911 City Dairy Inspector
Columbus Board of Health
Columbus, Ohio

Born at Euclid, Ohio, July 8, 1891. Attended the Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine. At present, Dairy Inspector, Columbus Board of Health, Columbus, Ohio. Member of Ohio State Veterinary Medical Association.

Levering, Howard Allen Mining Engineer
E. M. 1910
New River and Pocahontas Consolidated Coal Company
Berwind, West Virginia

Born at Levering, Ohio, January 8, 1887. Attended the Ohio State University, 1905-10, and was graduated in June 1910, with the degree, Engineer of Mines. Transitman, Island Creek Coal Company, Holden, West Virginia, sixteen months. At present Mining Engineer, New River & Pocahontas Consolidated Coal Co., Berwind, West Virginia. Member of Alpha Sigma Phi.

Levering, Orpheus Dumont
Foreman and Manufacturer, Wall Ties
M. E. 1893
Columbus Machine Co., Columbus, Ohio

Born at Woodview, Ohio, December 31, 1867. Attended the Ohio State University, 1887-93, and was graduated in June 1893, with the degree, Mechanical Engineer. With Capital City Machine Works, June 1893 to October 1895; Grip Machinery Company, Malden, Massachusetts, October 1895 to October 1897; McKay Shoe Machinery Company, Winchester, Massachusetts, October 1897 to April 1898. Since April 1898, and at present, Columbus Machine Company, Columbus, Ohio, Foreman and Manufacturer of Wall Ties. House address, 141 East Oakland Avenue, Columbus, Ohio.

Levering Russell Edgar Draftsman
801 East High St., Mt. Vernon, Ohio

Born at Waterford, Ohio, in 1889. Attended the Ohio State University, 1907-09, in the College of Engineering. At present Draftsman at the Pennsylvania Railroad Shops, Mt. Vernon, Ohio.

Lewis, Luther Hammond Architect
Crow, Lewis & Wickenhorfer
200 Fifth Avenue, New York City

Born at Cleveland, Ohio, January 4, 1873. Attended the Ohio State University, 1891-03. With Yost & Packard, Architects, Columbus, Ohio, 1893-95; with Rutan & Russell, architects, and the Carnegie Steel Company of Pittsburgh, Pa., 1895-98; with V. J. Hedden & Sons, builders, New York City, 1898-00; Architect and Engineer, U. S. Navy, in charge of building new Naval Stations at Iona Island, New York, and Dover, New Jersey, and rebuilding Fort Lafayette, New York Harbor, 1900-01; in charge of construction work for McKim, Mead & White, architects, New York, including Knickerbocker Trust Building, Tiffany Building, Gorham Building, Bank of Montreal, Montreal, Canada; New England Trust Building, Boston; Girard Trust Building, Philadelphia; Harvard Club, Buildings at Columbia University, University of Virginia, University of Nevada, etc.; also New Pennsylvania Station in New York City, 1901-07. At present member of firm of Crow, Lewis & Wickenhorfer, architects, New York City. Associate Member of Society of Civil Engineers.

Lichtenberg, Margaret Wilcox
(Mrs. Fritz A. Lichtenberg)
B. A. 1908
957 Madison Avenue, Columbus, Ohio

Born at Frankfort, Ohio, April 23, 1885. Married Fritz Adolph Lichtenberg, October 24, 1911. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Member of Pi Beta Phi.

Liebich, Arthur T. Mechanical Engineer
M. E. 1911
W. C. Ritchie & Co., Van Buren and Green Streets, Chicago, Illinois

Born at Bucyrus, Ohio, March 17, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer. Assistant Superintendent, W. C. Ritchie & Company, Van Buren and Green Streets, Chicago, Ill., manufacturers of paper boxes and cans, which position he has held since July 1, 1911. Member of Delta Kappa. House address, 1523 Jackson Boulevard, Chicago, Illinois.

Lied, Ernst Mitchell Sales Engineer
The Kilbourne-Jacobs Mfg. Company
Columbus, Ohio

Born at Cleveland, Ohio, January 12, 1881. Married Ida Knoderer, June 29, 1906. Attended the Ohio State University, 1898 to January 1902, in the College of Engineering. Draftsman, Rarig Engineering Company, Columbus, Ohio; with Engineering Department, The Kilbourne & Jacobs Mfg. Co., Columbus, Ohio, 1904-07. Since 1907, Manager of Steel Car Sales Department, The Kilbourne & Jacobs Mfg. Co. House address, 721 Dennison Avenue, Columbus, Ohio.

Lincoln, Paul Martyn Electrical Engineer
M. E. in E. E. 1892 General Engineer
Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa.

Born in Norwood, Michigan, January 1, 1870. Married Elizabeth R. Hague, June 30, 1897. Attended Adelbert College; attended the Ohio State University, 1889-92, and was graduated in June 1892, with the degree, Mechanical Engineer in Electrical Engineering. With the Short Electric Company, Cleveland, Ohio, 1892; Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., 1892-95; Niagara Falls Power Company, Niagara Falls, New York, 1895-02. Since 1902, General Engineer, Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa. Has written many papers for American Institute of Electrical Engineers, National Electric Light Association, Canadian Electrical Association, Engineering Society Western Pennsylvania. Member of Engineers' Club of New York, American Institute of Electrical Engineers, American Society of Mechanical Engineers, American Electro-Chemical Society, Franklin Institute, Engineering Society of Western Pennsylvania and Society for Promotion of Engineering Education. Was awarded the John Scott Medal by Franklin Institute for Synchronism Judicator and the Bronze Medal by Pan-American Exposition for the same. House address, 6830, Thomas Boulevard, Pittsburgh, Pa.

Lindsey, Theodore Clay Attorney
103 West Tenth Ave., Columbus, Ohio

Born in Dayton, Ohio, August 6, 1889. Attended the Ohio State University, 1908-11, and received a Certificate in Law in June 1911. At present Student in the College of Arts, Ohio State University.

Linebaugh, Harry Farmer
B. Sc. Agr. 1911
Grove City, Ohio

Born January 1, 1889. Attended the Ohio State University, 1906-07 and 1908-11, and was graduated in June 1911, with the degree, Bachelor of Science in Agriculture. At present, farmer on well-equipped farm of 215 acres near Grove City, Ohio. Member of the Grange and Delta Theta Sigma.

Linebaugh, Jesse Joseph Electrical Engineer
M. E. in E. E. 1899
General Electric Co., Schenectady, New York

Born at Pleasant Corners, Franklin County, Ohio, January 15, 1877. Married August 1, 1903, to Kitty Vedder. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Mechanical Engineer in Elec-

trical Engineering. Entered the Testing Department of General Electric Company, Schenectady, New York, October 1899. Engaged one year in regular testing; one year, head of Government Testing; three years, Assistant Head of Calculations, Department of Testing; one year, Assistant Foreman of Experimental Railway Testing; six years, Engineer Railway and Traction, Engineering Department, which position he now holds. Member of the Engineers' Association of Eastern New York, and an associate member of the American Institute of Electrical Engineers. House address, 41 Bedford Road, Schnectady,, New York.

Link, Cora Mae Teacher
B. Sc. Edu. 1911
Oak Harbor, Ohio

Born at Oak Harbor, Ohio, September 3, 1885. Attended the Ohio State University, 1909-11, and was graduated in June 1911, with the degree, Bachelor of Science in Education. Teacher in High School, Oak Harbor, Ohio, 1903-09. At present, Teacher of Mathematics, Oak Harbor High School.

Little, Kenneth Attorney
Bradford, Ohio

Born in Bradford, Ohio, August 1, 1887. Married June 5, 1905. Attended the Ohio State University three years and received a Certificate in Law in June 1908. With Arnold, Morton & Irvine, Attorneys, Columbus, Ohio, October 1, 1908 to October 1, 1909. Since October 1909, Practicing Law at Bradford, Ohio. Has been City Solicitor of Bradford, Ohio, since January 1, 1910. Member of the Order of Red Men, Junior Order United Mechanics, and Modern Woodmen of America.

Livingston, George Professor
B. Sc. Agr. 1909
Ohio State University, Columbus, Ohio

Born at Union City, Ohio, September 14, 1886. Married Inez Van Sickle, June 7, 1911. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Agriculture. Lecturer, German Kali Works, New York City, May 1 to October 1, 1909; Assistant in Extension Work, Ohio State University, October 1 to January 1, 1910; Instructor in Farm Crops, Iowa State College, January 1 to September 1, 1910; Assistant in Agronomy, Extension Department, Ohio State University, 1910-11; at present, Assistant Professor of Agronomy, Ohio State University. Member of American Society of Agronomy, and of Alpha Zeta.

Livingston, Inez Van Sickle Lecturer
(Mrs. George Livingston)
B. Sc. Dom. Sci. 1910
Grandview Heights, Columbus, Ohio

Born in Columbus, Ohio, November 27, 1888. Married George Livingston, June 7, 1911. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science. Domestic Science Lecturer, Ohio State University, Agricultural Extension Department; at present, Special Lecturer, State Board of Agriculture, Division of Farmer Institutes.

Loeb, Arthur Emanuel
Mercantile Business, Electrical Appliances
The Avery-Loeb Electric Company
Columbus, Ohio

Born in Columbus, Ohio, August 19, 1878. Married Caroline Myers, January 6, 1908. Attended the Ohio State University, 1893-94 preparatory, and September 1894 to April 1898, in College of Engineering. Electrical business for himself from 1899 to 1902; Superintendent, The Sackett Mine Supply Company, Columbus, Ohio, 1902-10; at present, Vice-President, The Avery-Loeb Electric Company. Member of Knights of Pythias, Retail Merchants Association of Columbus, Zion Lodge Bnai Brith, Rejuvenated Sons of Jove, Columbus Electrical Contractors Association, Secretary and Treasurer, Columbus Electrical Contractors Association,

Ohio Statesman for Sons of Jove, President of Zion Lodge Bnai Brith. House address, 403 Stoddard Avenue, Columbus, Ohio.

Lomb, Artie May
(See Artie May Lomb Jotter)

Long, Frank Clarke Mercantile Business
B. Sc. Hort. & For. 1903
5 E. 15th Ave., Columbus, Ohio

Born in Ohio, March 24, 1881. Was Married August 31, 1908. Attended the Ohio State University, 1898-03, and was graduated in June 1903, with the degree, Bachelor of Science in Horticulture and Forestry. Graduate Student Fall and Winter, 1904-05. At present, College Book Store, Columbus, Ohio.

Long, George Garfield Mining Engineer
E. M. 1903
Ford Collieries Co., Curtisville, Pa.

Born at Fidelity, Ohio, September 21, 1881. Married Lyda Mae Sullivan, December 21, 1905. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Engineer of Mines. With the Engineering Department, United States Coal & Coke Company, Gary, W. Va., July 1903 to March 1907; Assistant Mining Engineer, Cambridge Collieries Company, Cambridge, Ohio, March 1907 to May 1909. Since May 1909, Chief Engineer, Ford Collieries Company, Curtisville, Pennsylvania. House address, 404 Franklin Street, Butler, Pa.

Longsworth, Clyde Bronson
Electrical Engineer
B. Sc. (Ohio Wesleyan University) 1905
M. Sc. (Ohio Wesleyan University) 1909 M. E. in E. E. 1909
Home Telephone Company,
Napoleon, Ohio

Born in Van Wert, Ohio, August 24, 1880. Attended the Ohio Wesleyan University, 1901-05, receiving the degree, Bachelor of Science, in 1905, and the degree, Master of Science, in 1909. Attended the Ohio State University three years, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. Student's Course of the Western Electric Company, July 1909 to November 1909; Installation Department of same company, November 1909 to August 1910; since August 1910, Installation Foreman of the same company. Member of Eta Kappa Nu.

Lott, Charles Milford
M. E. in E. E. 1895
Hicksville, Ohio

Born in 1867. Attended the Ohio State University four years, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering.

Lott, Helen Flowers Teacher
B. A. 1911
328 St. Clair Ave., Columbus, Ohio

Born in Columbus, Ohio, June 2, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Teacher of Domestic Science, Columbus School for Girls, Columbus, Ohio.

Love, Jacob Wainwright Manufacturer
The Permel Mfg. Co., Warren, Ohio

Born in Bazette, Ohio, October 3, 1880. Attended the Ohio State University, 1901-04, in the College of Arts. Traveling Salesman, United States and Canada. At present, Secretary and Treasurer, The Permel Manufacturing Company; Vice-President and General Manager, Permel Sales Company, and Vice-President, The Enterprise Granite Company. Member of Masonic Order. House address, 309 Porter Avenue, Warren, Ohio.

Lowe, Henry Jacob Attorney
LL. B. 1911
43 Marion Avenue, Mansfield, Ohio

Born at Wauseon, Ohio, in 1888. Attended the Ohio State University, 1906-11, and was graduated in June 1911, with

the degree, Bachelor of Laws. Practicing Law in Mansfield, Ohio, since August 1, 1911. Member of Delta Sigma Rho and Delta Tau Delta.

Lucas, Charles Herbert Pharmacist
423 E. Franklin St., Circleville, Ohio

Born at Circleville, Ohio, July 9, 1887. Attended the Ohio State University, 1907-09, and received a Certificate in Pharmacy in June 1909. In Chemical Supply Store, Ohio State University, July 1909 to February 1911; since February 1911, Pharmacist with Geo. H. Fickardt & Son, Circleville, Ohio.

Lucas, Howard Johnson Chemist
B. A. 1907 M. A. 1908
U. S. Department of Agriculture
1605 Heisen Bldg., Chicago, Ill.

Born at Marietta, Ohio, in 1885. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts; 1907-09, graduate student and received the degree, Master of Arts in June 1908; attended University of Chicago, 1909-10. Assistant in Chemistry, Ohio State University, 1907-09; Fellow in Chemistry, University of Chicago, 1909-10; since 1910, Assistant Chemist, U. S. Department of Agriculture, Chicago, Ill. Member of American Chemical Society, Phi Kappa Sigma, and Sigma Xi.

Ludey, Charles A. Attorney
B. A. (Marietta College)
Tulsa, Oklahoma

Born at Bellaire, Ohio, July 7, 1874. Married Ruth Brown, January 3, 1910. Attended Marietta College and received the degree of Bachelor of Arts. Attended Ohio State University, 1894-95, and received a Certificate of Law in June 1895. Attorney-at-Law, Marietta, Ohio, fifteen years; Democratic candidate for Prosecuting Attorney, Washington County, Ohio, 1897; Democratic candidate for City Solicitor of Marietta, 1910, defeated, but lead ticket in each campaign; Oil Producer at present, Tulsa, Oklahoma. Member of Alpha Sigma Phi.

Lynn, Harry Mercantile Business
The Columbus Chandelier Company
Columbus, Ohio

Born near Rural Dale, Muskingum County, Ohio, August 20, 1877. Attended the Ohio State University, 1900-02, in the College of Engineering. Assistant to Chief Engineer at Ohio Hospital for Epileptics, one year; Clerk in Foreign Department, Wm. Ritter Lumber Company, two years; Gas and Electric Fixtures business at 1001 North High Street, now incorporated into firm of The Columbus Chandelier Company, of which he is the present manager. Member of Masonic Order.

McAfee, Dan Shields Chemist
Deadwood Mine
Mogollon, New Mexico

Born in Cleveland, Ohio, November 12, 1888. Attended the Ohio State University, 1907-09, in the College of Engineering. At present, Superintendent, Cyanide Plant, Deadwood Mine, Mogollon, New Mexico. Member of Alpha Tau Omega.

McAllister, Lee Paden Coal Agent
Frisco Lines
916 Frisco Building
St. Louis, Missouri

Born in Grinnell, Iowa, March 26, 1880. Married June 21, 1910. Attended the Ohio State University 1899 to January 1901, in the College of Agriculture. With Pennsylvania Lines and Michigan Central R. R. at Pittsburgh, Pa., two years; with Frisco Lines at Chicago and St. Louis, Mo. six years; at present, Assistant General Coal Agent, Frisco Lines, St. Louis, Mo.

McAllen, William Johnson Civil Engineer
C. E. 1894
Warehouse Department
Illinois Steel Co., Chicago, Illinois

Born in Fannettsburg, Pennsylvania, January 28, 1867. Married Clementine Kyle

Gordon, September 5, 1906. Attended the Ohio State University, 1889-94, two years of which were preparatory, and was graduated in June 1894, with the degree, Civil Engineer. With Carnegie Steel Company, Pittsburgh, Pa., 1895-96; Bridge Engineering Department, City of Pittsburgh, 1896-97; Pittsburgh Bridge Company, Pittsburgh, Pa., 1897-98; with W. H. Pratt, Mt. Vernon, Ohio, and the Mt. Vernon Bridge Company, 1898-99; since 1899, Manager Order Department, Warehouse Department of The Illinois Steel Company. Member of Western Society of Engineers, Chicago, Ill., Skakie Country Club, Glencoe, Ill., and of Sigma Alpha Epsilon. House address, 1319 Wabausia Avenue, Chicago, Illinois.

McCall, Arthur Gillett Professor
B. Sc. Agr. 1900
Ohio State University, Columbus, Ohio

Born in McGaw, Scioto County, Ohio, in 1874. Married Hattie M. Flower in 1896. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Bachelor of Science in Agriculture. Scientific Assistant, Bureau of Soils, U. S. Department of Agriculture, 1901-04; Assistant Professor of Agronomy, Ohio State University, 1904-05; since 1905, Professor of Agronomy, Ohio State University. Author of "The Physical Properties of Soils," 1909; "Corn," December 1905; "Tillage and Cultivation," June 1906; "Drainage," September 1907; "Drainage of Farm Land," November 1910; "Land Drainage," December 1911, published in the Agricultural Extension Bulletins. Member of the Grange, and a Charter Member of Alpha Zeta.

McCall, Lena Carroll
(See Lena C. McCall Black)

McCallum, Raymond Mercantile Business
B. Ph. 1900 Coal
McCallum & Smith,
530 Dublin Avenue, Columbus, Ohio

Born at Limaville, Stark County, Ohio, August 24, 1877. Married Virginia Roletta Smith, June 19, 1902. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Bachelor of Philosophy. Coal Dealer, of firm, McCallum & Smith, Columbus, Ohio.

McCann, James Stanislas Manufacturer Brick
Thornton, West Virginia

Born at Junction City, Ohio, November 13, 1886. Attended the Ohio State University, 1897-10, as a special student in the College of Engineering. Assistant Superintendent, Thornton Fire Brick Company, June 1, 1910 to September 1, 1911; since September 1911, Superintendent, Thornton Fire Brick Company.

McCarter, Edward Bancroft Attorney
B. A. 1892 LL. B. 1894
7 New Square Lincolns Inn, W. C.
London, England

Born in Emporia, Kansas, March 22, 1870. Married Stella B. Houston, November 6, 1907. Attended the Ohio State University, 1886-94, and was graduated in June 1892, with the degree, Bachelor of Arts, and in June 1894, with the degree, Bachelor of Laws. Practiced law in Columbus, Ohio, 1894-10; Secretary Columbus Law Library, 1895-10; Secretary, Ohio State Bar Association, 1904-10. Since 1910, American Counsel, practicing in London, England. Member of Masonic Order, American Bar Association, International Law Association, Beta Theta Pi, and Phi Delta Phi.

McCarty, Leon B. Teacher
B. A. 1910
1140 E. Rich Street, Columbus, Ohio

Born in Columbus, Ohio, June 20, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Instructor in High School, Chillicothe, Ohio, 1910-11; 1911-12, Fellow in English, Ohio State University.

McCarty, Pearl A. Teacher
B. A. 1909
Xenia, Ohio

Born at Mechanicsburg, Ohio. Attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Since 1909, Teacher of Science in High School, Xenia, Ohio.

McCleary, Clayton Asa Attorney
Ph. B. (Franklin College) 1891
LL. B. 1900
New Hayden Bldg., Columbus, Ohio

Born in Harrisville, Ohio, September 24, 1875. Married Maybell Crawford, January 3, 1905. Attended Franklin College, 1893-97, and was graduated in 1897, with the degree, Bachelor of Philosophy; attended Ohio State University, 1897-00, and was graduated in June 1900, with the degree, Bachelor of Laws. Has been practicing Law in Columbus, Ohio, since 1900 and is now at 813-815 New Hayden Building. Member of Ohio State Bar Association, Franklin County Bar Association, Columbus Chamber of Commerce, Scottish Rite Masons, Mystic Shrine, Director in City Y. M. C. A., and member of Delta Sigma Rho. House address, 212 Fifteenth Ave., Columbus, Ohio.

McCleary, Fred Elmer Metallurgist
B. A. 1906
Research Dept., General Motors Co.
Detroit, Michigan

Born in Steubenville, Ohio, February 26, 1882. Married Anna L. Williams, October 9, 1907. Attended Mt. Union College, two years; attended Ohio State University, 1901-02, 1903-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Assistant Chemist, Union Pacific R. R., November 1906 to May 1907; Chemist, Rock Island Railroad, May 1907 to May 1911; member of firm, McCleary & Metzger, since May 1909, and at present, Metallurgical Engineer, Research Department, General Motors Company, Detroit, Michigan. Member of Society of Detroit Chemists, and of Sigma Alpha Epsilon. House address, 240 Kirby Avenue, West, Detroit, Michigan.

McClelland, George Cooper Farmer
Fredericktown, Ohio

Born at Andover, Massachusetts, September 17, 1880. Married Mary Stuart McIntyre, April 29, 1908. Attended Berea College (Kentucky) 1901-02; attended the Ohio State University, four terms in 1902 and 1903. In charge of Extension Work in Corn Breeding, University of Minnesota, 1906; Collected Statistics for U. S. Department of Agriculture and Minnesota Experiment Station, in Farm Management, 1906; at present, Farming at Fredericktown, Ohio. Member of Ohio Plant Breeders Association, Ohio Corn Improvement Association, American Breeders Association. Member of School Board, Fredericktown, Ohio.

McClelland, Robert Lyle Veterinarian
D. V. M. 1901
1614 Heyworth Bldg., Chicago, Illinois

Born at Andover, Ohio, January 8, 1880. Married, January 6, 1912. Attended the Ohio State University, 1897-98, 1899-01, and was graduated in June 1901, with the degree, Doctor of Veterinary Medicine. Veterinary Inspector, Bureau of Animal Industry, six years; practicing Veterinary Medicine, four years; at present with the DeVaux Anti-Toxin Company, Chicago, Illinois.

McClintock, Chester Watson Pharmacist
64 W. Woodruff Ave., Columbus, Ohio

Born in Columbus, Ohio, February 24, 1886. Married Clara E. Kraner, August 19, 1910. Attended the Ohio State University, 1903-05, 1906-07, and received a Certificate in Pharmacy in June 1907. Assistant in Chemical Supply Store, Ohio State University, one year; with Eastwood Pharmacy, Columbus, Ohio, two years; with Groff Pharmacy, Columbus, Ohio, three years, which position he now holds.

McClintock, James Earl Editor
B. Sc. Agr. 1906
International Correspondence School
Scranton, Pennsylvania

Born in Whigville, Ohio, September 9, 1881. Married S. Margaret Weinstein, September 26, 1906. Attended the Ohio State University, 1901-06, and was graduated in June 1906, with the degree, Bachelor of Science in Agriculture. Scientific Assistant, Bureau of Soils, U. S. Department of Agriculture, February 1, 1906 to August 15, 1907; Assistant Professor of Agronomy and Supervisor of Agricultural Extension Work, University of Maine, August 15, 1907 to August 15, 1909; Specialist in Land-grant College Statistics, U. S. Bureau of Education, August 1, 1909 to April 1, 1910. Since April 1910, Agricultural Editor and Agriculturist, International Correspondence Schools, Scranton, Pa. Among his published articles are, "Exercises in Elementary Agriculture for Maine Rural Schools," 1910; "Oats, Barley, Rye, and Buckwheat," 1910; "Potatoes," 1911; Ponies, Asses, and Mules," 1911; "Feeding of Milch Cows," 1907; "Some Suggestions on How the Farmer and His Family may spend the Long Winter Evenings," 1907; "Winter Thoughts about Summer Insects," 1908; "Can Corn be Grown Successfully in Maine for Feed?" 1909. Member of the American Breeders' Association, the Masons, the Grange, and Alpha Zeta.

McClung, Harvey Fillmore Draftsman
Lima, Ohio

Born at Bowling Green, Ohio, December 14, 1885. Attended the Ohio State University, 1906-09, in the College of Engineering. Since September 1909, Draftsman, The Gramm Motor Car Company, Lima, Ohio.

McClure, Charles Walter Physician
B. A. 1906 M. D. (Starling-Ohio Medical College) 1910
207 East State St., Columbus, Ohio

Born at Mitchell, Indiana, February 10, 1885. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts; attended Starling-Ohio Medical College, 1906-10, and received the degree, Doctor of Medicine, in 1910. Assistant in Physiology, Ohio State University, 1906-07; at present, practicing Medicine, Columbus, Ohio, and Assistant in Clinical Medicine, Starling Ohio Medical College. Member of Phi Beta Kappa and Sigma Xi.

McClure, Roy Donaldson Surgeon
B. A. 1904 M. D. (Johns Hopkins University) 1908
Johns Hopkins University Hospital
Baltimore, Maryland

Born in Greene County, Ohio, in 1882. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts; attended Johns Hopkins University, 1904-08, receiving the degree, Doctor of Medicine, in 1908. Spent Summer 1906 at University of Prag. House Surgeon, New York Hospital, 1909-12; since January 1912, Resident Surgeon, Johns Hopkins Hospital. Among his published articles are "Mechanical Effects Experimental Mitral Stenosis and Insufficiency," W. G. MacCallum and R. D. McClure (Johns Hopkins Hospital Bulletin, Vol. 17, August 1906); "An Experimental Study of Intestinal Obstruction," (Journal of American Medical Association, Vol. XLIX., September 21, 1907); "A Study of Reversal of the Intestine," R. D. McClure and H. F. Derge (Johns Hopkins Hospital Bulletin, Vol. XVIII., December 1907); "Pancreatic Atrophy in a Dog Following Impaction of Calculi in the Duct," (Johns Hopkins Hospital Bulletin, Vol. XVIII., September 1907); "Hydrocephalus Treated by Drainage into a Vein of the Neck" (Johns Hopkins Hospital Bulletin, Vol. XX., April 1909); "Transfusion by Carells end-to-end suture method," E. H. Pool and R. D. McClure (Annals of Surgery, October 1900). Member of Delta Upsilon and Nu Sigma Nu.

McCombs, Charles Flowers Librarian
B. A. 1909
The Library of Congress
Washington, D. C.

Born at Howland, Trumbull County, Ohio, August 21, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts; attended the University of Michigan, summer session, 1909, Course in Library Methods; attended the Ohio State University, 1909-10, graduate work; attended the Johns Hopkins University, 1911-12, graduate work in Romance Languages. Accession Assistant, Ohio State University Library, 1909-10; since 1910, on Reading Room Staff of Library of Congress, Washington, D. C. Member of Phi Beta Kappa.

McCoy, Homer Wirt Banker
McCoy & Company, Investments
Chicago, Illinois

Born in Sheridan, Ohio, April 29, 1859. Married Jessie Danforth, September 20, 1887. Attended the Ohio State University, 1876-79, except spring term of 1879; attended Philadelphia College of Pharmacy, 1880-81. Engaged in mercantile business, 1882-85; Banker, Cuba, Illinois, 1886-90; Banker, Peoria, Illinois, 1891-00. Since 1901, Investment Banker, Chicago, Illinois. Head of Investment Banking House of McCoy & Company. Member of Executive Counsel, Amercian Banker's Association, 1898-01; President, Banker's Association of Illinois, 1902-03, Union League Club, Banker's Club, Mid-day Club, South Shore Country Club, Glen View Golf Club, all of Chicago. House address, 5111 Washington Avenue, Chicago, Illinois.

McCoy, Joseph Arthur Veterinarian
D. V. M. 1911
Waynesville, Ohio.

Born at Washington C. H., Ohio, March 8, 1888. Attended the Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine. Since June 1911, Practicing Veterinary Medicine, at Waynesville, Ohio. Member of Ohio State Veterinary Medical Society.

McCray, French Attorney
LL. B. (West Virginia University) 1909
LL. B. 1910
321 Madison Street
Fairmont, West Virginia

Born at Fairmont, West Virginia, February 21, 1886. Attended the Ohio State University, 1905-07, in College of Arts; 1907-08, 1909-10, in the College of Law, and received the degree, Bachelor of Laws, in June 1910; attended West Virginia University, 1908-09, and received the degree, Bachelor of Laws, in 1909. Special Attorney, Standard Oil Company, West Virginia Legislature, session 1911; since November 1910, Practicing Law at Fairmont, West Virginia.

McCray, Richard Earl Dentist
D. D. S. (Starling-Ohio Medical College) 1909
306 Madison Street
Fairmont, West Virginia

Born at Fairmont, West Virginia. Attended Fairmont State Normal School, 1904-05; attended the Ohio State University, 1905-07; attended Ohio Medical University, 1906-07; attended Starling-Ohio Medical College, 1907-09, and was graduated in 1909, with the degree, Doctor of Dental Surgery. Since 1909, Practicing Dentistry in Fairmont, West Virginia. President of The McCray System of Out Door Advertising, an incorporated company, owning and operating bill boards and bulletins and carrying on a general advertising business throughout West Virginia. Organizer of the company in 1900, and president of same, from its organization to date. Secretary of The McCray Theatre Company, Inc., since organization in 1911, a company owning and operating theatres throughout West Virginia. Member of Psi Omega (dental).

McCray, Thomas Yates Attorney
Mansfield, Ohio

Born at Mansfield, Ohio, June 26, 1878. Attended the Ohio State University, first semesters 1897, 1898; year 1899-00, and received a Certificate in Law in June 1900. Since 1900, Attorney-at-Law, Mansfield, Ohio. City Solicitor, Mansfield, Ohio, January 1, 1910 to January 1, 1914; Secretary Board of Public Safety, Mansfield, Ohio, December 1, 1906 to December 1, 1908. Member of Masonic Order, Knights Templar, Elks, Modern Woodmen of America. Chairman Democratic Central Committee, Richland County, Ohio; Mansfield Y. M. C. A., and Chamber of Commerce; Sigma Chi and Phi Delta Phi.

McCreary, Oliver Linton Accountant
326 Semple Street, Pittsburgh, Pa.

Born at Wellsville, Ohio, October 23, 1872. Attended the Ohio State University, 1893-94. Bookkeeper with P. Riggs & Company, wholesale grocers, January 1, 1895 to December 1, 1898; Division Engineers Office, Pennsylvania Lines, New Castle, Pa., December 1, 1898 to February 1, 1900, as accountant; Superintendent of Telegraph, Pennsylvania Lines, since February 1, 1900, and at present, Assistant Chief Clerk in charge of details.

McCune, Charles Nathaniel
B. A. 1910 Superintendent, Schools
Columbiana, Ohio

Born in Plainfield, Ohio, August 31, 1885. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Attended University of Chicago, 1910. Principal of High School, Columbiana, Ohio, 1910-11; at present, Superintendent of Schools, Columbiana, Ohio. Member of Acacia.

McDougal, Taine Gilbert Ceramic Engineer
Cer. Engr. 1911
Clay Products Company
Spokane, Washington

Born in New Lexington, Ohio, September 20, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Ceramic Engineer. At present, Superintendent of the Clay Products Company, Spokane, Washington. Member of Beta Theta Pi, Sigma Delta Chi, and Sigma Xi.

McElroy, William Harrison Pharmacist
Canton, Ohio

Born in Newcomerstown, Ohio, September 30, 1887. Attended the Ohio State University, 1907-09, in the College of Pharmacy, and received a Certicate in Pharmacy in June 1909. At present, Pharmacist with Roth and Hug, Canton, Ohio. Member of Phi Delta Chi.

McFarland, Horace Maley Mining Engineer
E. M. 1902
T. C. I. R. R. Co., Ensley, Alabama

Born at Sabina, Ohio, October 6, 1880. Married Leo Morris, May 27, 1905. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Engineer of Mines. Assistant Engineer, C. S. & H. R. R., Columbus, Ohio, August 1902 to January 1, 1903; Assistant Engineer, T. C. I. R. R., January 1903 to August 1903; Draftsman, Jeffrey Manufacturing Company, Columbus, Ohio, February 1904 to December 1904; Assistant Engineer, T. C. I. R. R. Co., December 1904 to May 1906; Division Engineer, same company, May 1906 to September 1909; Assistant Chief Draftsman, same company, September 1909 to February 1910; at present, Assistant Superintendent of Mines, same company, Ensley Alabama.

McGregor, James Howard Professor
B. Sc. 1894 M. A. (Columbia University) 1896 Ph. D. (Columbia University) 1899
Columbia University, New York City

Born at Bellaire, Ohio, July 23, 1872. Attended the Ohio State University, 1890-94, and was graduated in June 1894, with the degree, Bachelor of Science; attended Columbia University, 1895-97, and received the degree, Master of Science, in 1896,

and the degree, Doctor of Philosophy, in 1899. Fellow and Assistant at the Ohio State University, 1894-95; Fellow, Columbia University, 1895-97; successively, Assistant, Tutor, Instructor, and Assistant Professor at Columbia University; Instructor in Zoology, Woods Hole, M. B. L., several Summers. At present, Professor of Zoology, Columbia University. Has published various articles on Cytological and Vertebrate Palaeontological subjects. Member, American Society of Zoologists, Palaeontological Society, Fellow, American Association for Advancement of Science, member, New York Academy of Sciences, and Sigma Xi.

McGuffey, Francis Hoyt Farmer
M. E. in E. E. 1894
Conover, Ohio

Born in Groveport, Ohio, September 18, 1869. Married Lida M. Roberts, June 21, 1903. Attended the Ohio State University, 1889-94, and was graduated in June 1894, with the degree, Mechanical Engineer in Electrical Engineering. At present, Wholesale Produce Grower and Shipper, Conover, Ohio. Member of Masonic Order, and Knights Templar.

McKee, William Crooke Manufacturer Pig Iron
Inland Steel Co., Indiana Harbor, Ind.

Born at Mt. Vernon, Kentucky, October 26, 1878. Attended Methodist Seminary, Wilmore, Kentucky, one term 1897; attended the Ohio State University, Winter and Spring 1910, and 1910-11, as special student in College of Engineering. Clerk, North Jellico Coal Company, Grays, Kentucky, 1895-99; with Armour & Company, Chicago, Ill., Salesman, one year; Clerk, R. G. Dunn & Company, Knoxville, Tenn., one year; Johnson City Foundry & Machine Company, Johnson City, Tennessee, three years; with Algoma Steel Company, Sault Ste Marie, Canada, Blast Furnace Department; June 1911 to September 1911, Columbus Iron & Steel Company; since September 1911, Assistant Superintendent, Inland Steel Company, Indiana Harbor, Indiana. Member of Mining Society.

McKinley, Emma Evans
B. Sc. Dom. Sci. 1905
House Superintendent, Oxley Hall
Ohio State University, Columbus, Ohio

Born at Dresden, Ohio, in 1884. Attended the Ohio State University, 1901-05, graduate work in Fall Term of 1905, and received the degree, Bachelor of Science in Domestic Science, in June 1905. Supervisor of Domestic Science, Public Schools, Dayton, Ohio, 1906-10; since 1910, House Superintendent, Oxley Hall, Ohio State University, Columbus, Ohio.

McKinney, Alta Teacher
B. Sc. Dom. Sci. 1911
Eaton, Ohio

Born in Elizabethtown, Hamilton County, Ohio, December 28, 1884. Attended Miami University, Summer 1905; attended University of Michigan, Ann Arbor, Michigan, Summer 1906; attended the Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science. Teacher in Sater School, near Harrison, Ohio, 1904-05; Teacher in Mt. Nebo School, near Cleves, Ohio, 1905-08; at present, Supervisor of Domestic Science, Eaton, Ohio, also Teacher of Algebra and Physiology in the High School, Eaton, Ohio.

McKinney, Frank Cowen Attorney
B. A. 1901 M. A. 1902
LL. B. (Columbia University) 1909
Coulter, Bond & McKinney,
2 Rector Street, New York City

Born at Pennsboro, West Virginia, in 1878. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Arts; graduate student 1901-02, and in June 1902, received the degree, Master of Arts; attended College of Law, 1904-06, and first

semester 1906; attended University of Wisconsin one year; attended Columbia University one year, and received the degree, Bachelor of Laws, in 1909. Fellow in English, Ohio State University, 1901-02; Instructor in English, University of Wisconsin, 1903-04; Instructor in English, Ohio State University, 1905-08; at present, Attorney, with firm, Coulter, Bond & McKinney, New York City. Joint author, with Professors J. V. Denney and C. S. Duncan, of "Brief Making and Argumentation," 1910; Revision of Bill on Corporations, 1911. Has also written the following articles: "Investments by Trustees," "The Taxation of Inheritances," "Application of Statute of Frauds to Tort Claims," "Responsibilities of Corporate Trustees," "Hand of the Law in the Post Office," "The Trust Company in the Reorganization and Consolidation of Corporations," "Uniformity in the Designation of Leasehold Bonds." The Legal Editor of "Trust Companies Magazine."

McKinney, Mary Eula Professor
B. A. 1906
University of Illinois, Champaign, Ill.

Born in Cairo, West Virginia. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Attended Summer School, at Columbia University, 1907, 1908, and 1911. Principal and Teacher in High School, 1907-08. Since 1909, Assistant in English Department, University of Illinois. Home address, 189 Montclair Avenue, Montclair, New Jersey.

McKitterick, William George
LL. B. 1906 Credit Manager
401 Rockefeller Building
Cleveland, Ohio

Born at Jackson, Ohio, March 25, 1882. Attended the Ohio State University, 1901-06, and was graduated in June 1906, with the degree, Bachelor of Laws. Since August 1908, Credit Manager, The National Electric Lamp Association. Member of Masonic Order, and Delta Chi.

McLaren, James Walter
Marietta, Ohio

Born at Marietta, Ohio, March 12, 1876. Attended Marietta Academy 1893-95; attended Marietta College 1896; attended Ohio University 1898; attended Ohio State University 1901-03, in the College of Engineering. Member of Delta Tau Delta.

McLaughlin, James Bennett
Importer, Horses
McLaughlin Bros., Columbus, Ohio

Born at Clarksville, New York. Married Mary Gunning in 1886. Attended the Ohio State University, 1882-84, 1885-86. Member of firm of McLaughlin Brothers, Columbus, and as Buyer, has spent a large amount of time in France for twenty years. Member of Board of Education, Columbus, Ohio, four years. Member of Percheron Society (International); Columbus Club and Arlington Country Club. Decorated Chevalier of the Legion of Honor by the President of the French Republic on June 16, 1906. Decorated Commander of "Merite Agricole" by the French Government on July 15, 1908. House address, 47 West Third Avenue, Columbus, Ohio.

McMaster, Carlos Lenox Sales Agent,
C. E. 1905 Varnish
320 W. 26th Street, Chicago, Illinois

Born at Middleport, Ohio, June 29, 1882. Attended the Ohio State University, 1900-05, and was graduated in June 1905, with the degree, Civil Engineer. Draftsman for Columbus, Delaware & Marion R. R.; Instructor in General Engineering Drawing, University of Illinois, 1905-07; Associate in General Engineering Drawing, ibid., 1907-10; Assistant Dean of Men, ibid., 1908-10. At present, Salesman, Railway Department, Pratt & Lambert Varnish Company, Chicago, Ill. Has published "Notes on Practical Mechanical Drawing," 1909 (Wilson & McMaster). Member of Knights Templar, Gamma Phi, Gamma Alpha and Alpha Tau Omega.

McMullen, John Pearce Teacher
B. A. 1911
Hillsboro, Ohio

Born at Rainsboro, Highland County, Ohio, November 5, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present Teacher of History and Civics, High School, Hillsboro, Ohio.

McNutt, John Chester Professor
B. Sc. Agr. 1907
North Carolina Agricultural College,
West Raleigh, North Carolina

Born at Ashtabula, Ohio, July 22, 1881. Married Edith Huntington, August 28, 1907. Attended the Ohio State University, 1901-07, and was graduated in June 1907, with the degree, Bachelor of Science in Agriculture. Manager of Dairy and Superintendent of Hartman Farm, Columbus, Ohio, April 1, 1907 to April 1, 1908; Assistant in Animal Husbandry, New Hampshire College, 1908-09; Assistant Professor, New Hampshire College, 1909-10. Since 1910, Professor of Animal Husbandry and Dairying, North Carolina Agricultural College. Member of Alpha Zeta.

McPherson, William Professor
B. Sc. 1887 M. Sc. 1890 D. Sc. 1895
Ph. D. (University of Chicago) 1899
Ohio State University, Columbus, Ohio

Born in Xenia, Ohio, July 2, 1864. Married Lucretia Heston, June 21, 1893. Attended the Ohio State University, 1883-87, and was graduated in June 1887, with the degree, Bachelor of Science; received the degree, Master of Science, in June 1890; received the degree, Doctor of Science, in June 1895. Received the degree, Doctor of Philosophy, from University of Chicago, in 1899. Instructor in Chemistry, Toledo High and Manual training School, 1887-92; Connected with the Department of Chemistry, Ohio State University, since 1892, as Assistant, Assistant Professor, Associate Professor, and at the present time, Professor of Chemistry and Dean of the Graduate School. Has been a frequent contributor to Chemical Journals, and has published: "Treatise on General Chemistry" in collaboration with W. E. Henderson; "General College Chemistry" (in press), and "Treatise on Qualitative Analysis." Member of Deutschen Chemischen Gesellschaff, American Association for Advancement of Science, American Chemical Society and Phi Delta Theta, Phi Beta Kappa and Sigma Xi.

McQuigg, Charles Ellison Metallurgist
E. M. 1909
Anaconda Copper Mining Company
Great Falls, Montana.

Born at Ironton, Ohio, January 19, 1885. Attended the Ohio State University January 1905 to 1909, and was graduated in June 1909, with the degree, Engineer of Mines. Assistant in Department of Metallurgy and Mineralogy, Ohio State University, 1907-09; Inspector of Concrete Masonry, Gulf, Colorado & Santa Fe Ry. Stirling City Extension, West Texas, 1910. At present, Investigator, Testing Department, B. & M. Reduction Works of the Anaconda Copper Mining Company, Great Falls, Montana. Member of Acacia. House address, Black Eagle Club, Great Falls, Montana.

Makepeace, Mary Virginia Teacher
B. A. 1909
Hilliard, Ohio

Born in Ohio, January 19, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Principal and Teacher of Latin, English and Sewing, High School, Rapid River, Michigan, 1909-10; Private Tutor, Fitchburg, Massachusetts, 1910-11. At present, Head of Domestic Science Department, Robinson Seminary, Exeter, New Hampshire.

Malone, James Barnard Attorney
B. A. 1904
LL. B. (Georgetown University) 1906
Springfield, Ohio

Born at South Charleston, Ohio, June 2, 1883. Married Alice Wren, January 8,

1898. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts; attended Georgetown University, Washington, D. C., 1904-06, also 1907, and was graduated in 1906, with the degree, Bachelor of Laws. Secretary of Admiralty Commission, Washington, D. C., 1907. Since 1906, Practicing Attorney, and at present, located at Springfield, Ohio. Member of local clubs and secret societies and of Delta Chi and Theta Nu Epsilon. Member of Bar, Supreme Court of the United States.

Malone, William Ruskin Life Insurance
B. A. 1885
President, Postal Life Insurance Co., 35 Nassau Street, New York City

Born at Little Hope, Ohio, July 14, 1865. Married Helen W. Williams, August 23, 1892. Attended the Ohio State University, 1880-85, and was graduated in June 1885, with the degree, Bachelor of Arts. Attended the Cincinnati Law School 1885. Was engaged in teaching and school supervision for twelve years; occupied various positions in Life Insurance companies for fourteen years. At present, President of Postal Life Insurance Company, New York City. Member of Phi Gamma Delta.

Manley, Rush Emmett Electrical Engineer
M. E. (Mansfield, Pa., State Normal School).
M. E. in E. E. 1894
Central Union Telephone Company, Columbus, Ohio

Born at Presho, Steuben County, New York, July 6, 1867. Was married August 6, 1896. Attended State Normal School, Mansfield, Pa., and received the degree, Mechanical Engineer; attended Ohio State University, 1890-94, and received the degree, Mechanical Engineer in Electrical Engineering, in 1894. Electrician, Jeffrey Mfg. Co., Columbus, Ohio, July 1894 to February 1895; Manager, Exchange, Central Union Telephone Co., Delaware, Ohio, July 1895 to August 1896; Manager, Exchange, same company, Mt. Vernon, Ohio, August 1896 to April 1901; Plant Chief Central Union Telephone Company, Columbus, Ohio, April, 1901 to February 1910. Since February 1910, Engineering Department of same company, Columbus, Ohio. Member of Sigma Alpha Epsilon.

Mann, Ivand I.
(See Ivand I. Mann Anderson)

Mann, Wilbur Edwin University Editor
B. Ph. 1899 M. A. 1900
Ohio State University, Columbus, Ohio

Born in Martinsville, Ohio, November 15, 1871. Married Lillian C. Lazenby November 30, 1899. Attended the Ohio State University, 1895-00, and was graduated in June 1899, with the degree, Bachelor of Philosophy, and in June 1900, with the degree, Master of Arts. Assistant Cashier, Columbus Water Works, 1900-04; Accountant, Ohio State University, 1904-10. Since October 1910, University Editor, Ohio State University.

Marion, Edith Mary Nesbitt
(Mrs. Frank D. Marion)
B. A. 1910
1181 Livingston Ave., Columbus, Ohio

Born in Columbus, Ohio, January 22, 1887. Married Frank D. Marion, June 20, 1911. Attended the Ohio State University four years and one term, 1905-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Member of Delta Delta Delta.

Mark, Clara Gould Teacher
B. A. 1906 M. A. 1910
Westerville, Ohio

Born at Franklin Furnace, Ohio, January 23, 1882. Attended the Ohio State University, 1900-06, 1908-10, and was graduated in June 1906, with the degree, Bachelor of Arts, and in June 1910, with the degree, Master of Arts. Instructor in Geology, Mount Holyoke College, 1910-

11; Fellow in Geology, Ohio State University, 1911-12. Member of American Association for the Advancement of Science, The Paleontological Society, Ohio Academy of Science and Sigma Xi.

Marker, James Reed Civil Engineer
C. E. 1904
State Highway Commissioner
The Capitol, Columbus, Ohio

Born in Versailles, Ohio. Attended Butler College, 1899-00; attended Ohio State University, 1901-04, and was graduated in June 1904, with the degree, Civil Engineer. County Engineer, Darke County, Ohio, September 1904 to September 1909; Chief Engineer Public Works of Ohio, May 31, 1910 to June 16, 1911. Since June 1911, State Highway Commissioner. Member of Delta Upsilon and Acacia.

Markeson, Mary Pettit Teacher
B. A. 1909
Bullitt Park, Columbus, Ohio

Born at Columbus, Ohio. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher in High School, Napoleon, Ohio, 1910-11. Since 1911, Teacher in High School, Zanesville, Ohio.

Marriott, Robert Henry
Wireless Telegraph Engineer
588 East Eighth Street, Brooklyn, New York

Born at Richwood, Ohio, February 19, 1879. Married Blanche Woodruff Butler, November 27, 1902. Attended the Ohio State University, 1897 to February 1901, in the College of Arts. Assistant Engineer, American Wireless Telegraph & Telephone Company, June 1901 to November 1901; Chief Engineer, Pacific Wireless Telegraph and Telephone Company, built first Commercial wireless station on Pacific Coast, December, 1901 to December 1902; Wireless and X-Ray Work, Carstarphen Electric Company, Denver, Colorado, December, 1902 to April 1905; Engineer, American De Forest Wireless Telegraph Co., April, 1905 to 1907; Experimenter and Superintendent of Construction and Maintenance, United Wireless Telegraph Company, 1907 to September 1911. Since September 1911, Engineer, Marconi Wireless Telegraph Company of America. Has published several articles on Wireless Construction, Maintenance and Operation. Member and Past President of The Wireless Institute; Associate member, American Institute of Electrical Engineers.

Marsh, Frederick Albert Student
B. A. 1910
327 Fort Street, Nelsonville, Ohio

Born at Parkston, England, December 7, 1886. Married Belle Black, June 22, 1910. Attended the Ohio State University 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Experienced Pharmacist, taking graduate work at Ohio State University at the present time. Member of Masonic Order, and of American Pharmaceutical Association.

Marshall, Ida Teacher
B. Sc. Dom. Sci. 1902
377 Jackson St., Oshkosh, Wisconsin

Born at Hemlock, Ohio, January 27, 1877. Attended the Ohio State University 1898-02, and was graduated in June 1902, with the degree, Bachelor of Science in Domestic Science. Teacher in Kansas, one year; Teacher of Domestic Science, Riverside, California, three years; Teacher of Domestic Science, Prescott, Arizona, three years; at the present, Supervisor of Domestic Science, Oshkosh, Wisconsin.

Marshall, George Sidney Attorney
B. Ph. 1894 LL. B. 1897
217 West Eleventh Avenue
Columbus, Ohio

Born in Corning, Ohio, January 29, 1869. Married Alice Badgley, October 14, 1903. Attended the Ohio State University, 1889-97, and was graduated in

June 1894, with the degree, Bachelor of Philosophy, and in June 1897, with the degree, Bachelor of Laws. Member of City Council, Columbus, Ohio, 1898-99; Assistant Director ,of Law, Columbus, Ohio 1899-01; Deputy Inspector of Building and Loan Associations, State of Ohio, 1901-03; Special Counsel, Law Department, Columbus, Ohio, 1903-05; City Solicitor, Columbus, Ohio, 1905-09; Mayor, Columbus, Ohio, 1910-12. At present, Practicing Attorney, Columbus, Ohio. Member of the Masons, Odd Fellows, Woodmen of the World, Royal Arcanum, American Insurance Union, Home Guards of America, Improved Order of Red Men, Sigma Alpha Epsilon and Phi Delta Phi.

Marshall, Glen M. Clerk
James B. Clow and Sons
Coshocton, Ohio

Born at Mt. Eton, Ohio, April 28, 1890. Attended the Ohio State University, 1909-11, in the College of Arts. Bank Clerk, People's Banking and Trust Company, Coshocton, Ohio, two years. At present, Clerk in office of James B. Clow and Sons, Coshocton, Ohio.

Marshall, Logan W. Attorney
Sidney, Ohio

Born at Sidney, Shelby County, Ohio, September 9, 1881. Was married November 4, 1911. Attended the Ohio State University, 1903-05, in the College of Law; attended National Law School, Washington, D. C. At present, Practicing Law, Sidney, Ohio; Assistant Prosecuting Attorney, Shelby County, Ohio; Chief Deputy of Supervisors of Elections. Member of Masons, Knights Templar, and of Elks.

Marsteller, Ross Perry Professor
D. V. M. 1905
Texas Agricultural College, College Station, Texas

Born at West Lodi, Ohio, July 27, 1882. Married Emmie Fountain, June 15, 1911. Attended the Ohio State University, 1902-05, and was graduated in June 1905, with the degree, Doctor of Veterinary Medicine. At present, Assistant Professor of Veterinary Science, Texas Agricultural College, College Station, Texas. Secretary, Texas Veterinary Medical Association. Member of American Veterinary Medical Association.

Martin, John Douglas Clay-working Industry
M. E. 1901
New Straitsville, Ohio

Born in Cleveland, Ohio, February 29, 1880. Married Elizabeth Reid, October 11, 1905. Attended the Ohio State University, 1896-01, and was graduated in June 1901, with the degree, Mechanical Engineer. Special Apprentice, Pennsylvania Railroad, 1901-04; Superintendent, Straitsville Impervious Brick Company, 1906-11; Secretary, The Purvis-Martin Oil and Gas Company, 1909-11; Secretary, Sines Bros. Coal Company, 1906-11. At present, Superintendent, Straitsville Impervious Brick Company, New Straitsville, Ohio. Was Township Clerk, Coal Township, Perry County, Ohio, 1904-07. Member of Sigma Alpha Epsilon.

Martin, Percy Electrical Engineer
M. E. in E. E. 1892
"The Spring," Kenilworth, England

Born in Columbus, Ohio, June 19, 1871. Married Alice H. Henblein, July 1902. Attended the Ohio State University, 1888-92, and was graduated in June 1892, with the degree, Mechanical Engineer in Electrical Engineering. Managing Director of Birmingham Small Arms Company and the Daimler Company at the present time. Member of Institute of Mechanical Engineers (England), American Institute of Electrical Engineers and Phi Kappa Psi.

Martin, William K. Attorney
B. Ph. 1903
Lancaster, Ohio

Born in Lancaster, Ohio, May 17, 1882. Attended the Ohio State University, 1899-04, and was graduated in June 1903, with the degree, Bachelor of Philosophy; at-

tended College of Law, 1902-1904. At present, Practicing Attorney in Lancaster, Ohio. Member of Sigma Alpha Epsilon and Phi Delta Phi.

Marting, Ralph S.
Mercantile Business, Department Store
705 Findlay Street, Portsmouth, Ohio

Born at Portsmouth, Ohio, January 26, 1890. Attended the Ohio State University, 1908-10, in the College of Arts. With The Marting Brothers Company, retail department store, Portsmouth, Ohio, since May 7, 1910.

Mason, George Franklin Physician, Surgeon
G. Ph. 1890
M. D. (Marquette University) 1901
395 Park Place, Milwaukee, Wisconsin

Born at Carroll, Ohio, November 5, 1867. Married Cora Lee Tussing, March 4, 1892. Attended Ohio State University, 1886-90, and was graduated in June 1890, with the degree, Graduate in Pharmacy; attended Marquette University, College of Medicine, and received the degree, Doctor of Medicine, in 1901. Clerk in Drug Store, Chicago, Ill., 1890; Prescription Clerk in Drug Store, Columbus, Ohio, 1890-91; Proprietor of Drug Store at Milwaukee, Wisconsin, 1892-98; Surgeon in charge of Wisconsin's State Veterans' Home, 1901. Since 1901, General practice of medicine and surgery at Milwaukee, Wisconsin. Member of Milwaukee County Medical Society, Wisconsin State Medical Association, Brainard Medical Society and Alpha Kappa Kappa.

Massey, Herbert Nelson Teacher
B. A. 1906
316 Lee Avenue, Victor, Colorado

Born at Malta, Ohio, February 20, 1880. Married Luella Douglas, August 10, 1910. Attended the Ohio State University, 1902-1906, and was graduated in June, 1906, with the degree, Bachelor of Arts. Science Teacher, High School, Salem, Ohio, 1906-07; Science Teacher, High School, Greenfield, Ohio, 1907-09; Principal of High School, Greenfield, Ohio, 1909-11; Science Teacher, High School, Victor, Colorado.

Mathias, Lewis Dwight Chemist
B. A. 1911
Corn Products Refining Co., Argo, Ill.

Born at Logan, Ohio, May 10, 1886 Attended Otterbein University two and a half years; Ohio State University two years and one Summer Term, 1909-11, and was graduated in June 1911, with the degree, Bachelor of Arts. Since July 1911, Chemist, Corn Products Refining Company, General Laboratory, Argo, Cook County, Illinois. Home address, 6545 Kimbark Avenue, Chicago, Illinois.

Matson, George Hiram Physician
G. Ph. 1892
M. D. (Ohio Medical University) 1905
1477 E. Long Street, Columbus, Ohio

Born at Bristol, Morgan County, Ohio, April 15, 1870. Married Daisy L. E. Kroesen, September 5, 1895. Attended Ohio University, Athens, Ohio, 1888-89; attended Ohio State University, 1890-92, and received the degree, Graduate in Pharmacy, in June 1892; graduate student, Ohio State University, 1892-93; Ohio Medical University, 1901-05, and was graduated in 1905, with the degree, Doctor of Medicine. Secretary of Pharmacy Department, Ohio Medical University, 1894-98; Dean of same, 1898-06. Since 1906, Secretary, Ohio State Medical Board; since May 1910, Secretary-Treasurer, National Confederation State Medical Examining and Licensing Boards. Scottish Rite Mason and a member of Alpha Mu Pi Omega.

Matthews, Max Moses Bank Clerk
B. Ph. 1902
Hayden-Clinton National Bank
Columbus, Ohio

Born at Wilkesville, Ohio, November 14, 1878. Attended Rio Grande College two terms; attended Ohio University, one year and Fall Term 1897; attended Ohio State

University, 1899-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. With State Insurance Department of Ohio, 1902-03; with the City National Bank, Columbus, Ohio, a few months; since February, 1905, with Hayden-Clinton National Bank, Columbus, Ohio. Member of Masons and The Civic Betterment League of Columbus. House address, 145 North 18th Street, Columbus, Ohio.

Matthews, William Mills Attorney
511 Union Bank Bldg., Dayton, Ohio

Born in Dayton, Ohio, in 1883. Attended the Ohio State University, 1903-05, in College of Arts, and 1905-08, in College of Law, and received a Certificate in Law in June 1908. Has been practicing Law since leaving college with the firm of Matthews, James and Matthews, Dayton, Ohio. Member of Sigma Nu.

Mattoon, Winford Lecky
Real Estate, Hocking Valley R. R.
914 Spahr Building, Columbus, Ohio

Born at Plain City, Ohio, August 29, 1881. Married Inez Newton Clark of Kansas City, Missouri, February 16, 1909. Attended Otterbein University, preparatory department, 1896-98; Denison University, 1898-00; Ohio State University, 1900-03, in the College of Engineering. Engineer on second track and yard construction, Pennsylvania Lines, April to December 1903; on Engineering Corps, Maintenance of Way Department, Hocking Valley Railway, January to June 1904; Assistant Division Engineer, Missouri Division, Chicago, Rock Island and Pacific Railway, Trenton, Missouri, June 1904 to May 1905; Assistant District Engineer in charge of Des Moines Valley Division, same railroad, Des Moines, Ia., May 1905 to February 1907; Division Engineer, Corning Division, Toledo and Ohio Central Railway, Columbus, Ohio, February to October 1907; Assistant Chief Engineer, Hocking Valley Railway, Columbus, Ohio, October 1907 to December 1910; Real Estate and Tax Agent, Hocking Valley Railway Company, December 1, 1910, to the present time. Member of Elks Lodge, Columbus Real Estate Board, Iowa Railway Club and Sigma Pi. House address, 183 West Frambes Avenue, Columbus, Ohio.

Maxwell, Ralph E. Contractor and Builder
B. A. 1910
1111 Neil Avenue, Columbus, Ohio

Born at Wellston, Ohio, June 7, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. At present, Contractor and Builder, Columbus, Ohio. Member of Masonic Order.

Means, Hugh Jackson Physician
B. A. 1905
M. D. (University of Pennsylvania) 1908
715 N. High Street, Columbus, Ohio

Born at Christiansburg, Ohio, August 20, 1883. Married Eleanor M. Hammond, August 15, 1910. Attended the Ohio State University, 1900-05, and was graduated in June 1905, with the degree, Bachelor of Arts; attended Ohio Medical University, 1904-06; attended University of Pennsylvania, 1907-08, and received the degree, Doctor of Medicine, in 1908. Instructor in Pathology, Starling-Ohio Medical College, 1908-11; Radiographer, Starling-Ohio Medical College and Protestant Hospital, 1911. At present, practicing medicine and specializing in X-Ray, Columbus, Ohio. Member of Masons, Scottish Rite 32d Degree, Shriners, member of Columbus Academy of Medicine, Ohio State Medical Association, American Medical Association, American Roentgen Ray Society and Alpha Kappa Kappa and Kappa Sigma.

Meek, Edward Duncan Attorney
B. A. 1896 M. A. 1899 LL. B. 1903
First National Bank Building
Bellaire, Ohio

Born at Glencoe, Ohio. Attended the Ohio State University, 1891-96, 1898-99,

1902-03, receiving the degree, Bachelor of Arts, in June 1896, the degree, Master of Arts, in June 1899, and the degree, Bachelor of Laws, in June 1903. Principal of High School, Martin's Ferry, Ohio, 1896-97; Principal of High School, Marrietta, Ohio, 1899-02. At present practicing law at Bellaire, Ohio.

Meek, Paul Deady Farmer
B. A. 1905
121 Fifteenth Avenue, Columbus, Ohio

Born in Columbus, Ohio, June 7, 1882. Attended the Ohio State University, 1900-05, and was graduated in June 1905, with the degree, Bachelor of Arts. Draughtsman, Bell Telephone Company, 1906-07; Inspector Engineering Department, City of Columbus, Ohio, 1907-08. Since 1908, engaged in Farming near Pataskala, Ohio. Member of Masonic Lodge, Lieutenant Ohio National Guard, member Phi Gamma Delta.

Meek, William Warfield Manufacturer,
B. Ph. 1889 Harness
J. W. Meek and Co., Columbus, Ohio

Born at Wheeling, West Virginia, January 29, 1869. Married Mary Bradfield in 1897. Attended the Ohio State University, 1883-89, and was graduated in June 1889, with the degree, Bachelor of Philosophy. At present, with J. W. Meek and Company, Columbus, Ohio, manufacturers of Harness and Saddlery. Member of Phi Gamma Delta. House address, 1358 Bryden Road, Columbus, Ohio.

Meiklejohn, Robert Professor
M. E. 1904
Ohio State University, Columbus, Ohio

Born at Chillicothe, Ohio, December 14, 1881. Married Beatrice S. Jones, December 27, 1905. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer. With North Works of Illinois Steel Company, Chicago, Ill., 1904-05. Since 1905, Assistant Professor of Engineering Drawing, Ohio State University. Joint Author with T. E. French, "Essentials of Lettering," 1912. Member of Sigma Chi.

Melick, Neal Albert Civil Engineer
C. E. 1900
Granite City, Illinois

Born at Roseville, Ohio, May 6, 1880. Married in 1906. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Civil Engineer. At present, Superintendent of Construction, U. S. Public Buildings. Member of American Society of Civil Engineers, St. Louis Engineers' Club and Missouri Athletic Club.

Mellinger, Aubrey Hugo Electrical Engineer
M. E. in E. E. 1905 Telephone
547 Clinton Ave., Brooklyn, New York

Born at Arcanum, Ohio, September 27, 1881. Married September 28, 1910. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Since July 1905, with Plant Engineering Department of New York Telephone Company. At present, Division Plant Engineer for Long Island. Member of Delta Tau Delta.

Menefee, Augusta India
B. Sc. Dom. Sci. 1911
274 South Ohio Ave., Columbus, Ohio

Born at Boswell, Indiana, June 28, 1887. Attended Oberlin Conservatory of Music, one year; attended Ohio State University, 1906-11, and was graduated in June 1911, with the degree, Bachelor of Science in Domestic Science. Member of Kappa Kappa Gamma.

Merrell, Bewley E Mining Engineer
W. S. Merrell Engineering Company,
St. Petersburg, Florida

Born at Cincinnati, Ohio, July 17, 1884. Attended the Ohio State University, 1903-05, and 1906-07, in the College of Engineering. Miner at Butte, Montana, 1905-06; Timekeeper, Foreman and Assistant

Superintendent for C. M. Bolton and Company, railway tunnel contractors, Garrison, Montana, 1907-09; Contractor for Iron Mountain Tunnel Company, Iron Mt., Montana, 1909; Rodman for J. W. Clark, Seattle, Washington, 1909. At present, member of the firm, W. S. Merrell Engineering Company, and Assistant to the City Engineer of St. Petersburg, Florida.

Merrell, George Bewley Farmer
B. Sc. Agr. 1908
St. Petersburg, Florida

Born in Cincinnati, Ohio, November 7, 1885. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Engaged in farm management in Ohio, Illinois and New Mexico since graduation.

Merrell, William Stanley Civil Engineer
P. O. Box 604, St. Petersburg. Fla.

Born at Cincinnati, Ohio, November 12, 1881. Married Myrtle Belle Hartsell, July 18, 1907. Attended the Ohio State University, 1900 to March 1904, in the College of Engineering. Draftsman, Cincinnati Car Company, six months, 1904; Erector and Superintendent of Yards, Bracket Bridge Company, nine months, 1905; Rodman in 1905; Transitman and Masonry Inspector for S. and W. Railway Company, now C. C. and O. Ry., Winter 1906 and Spring 1907; Transitman and Instrumentman, Cincinnati Northern Traction Company, nine months, 1906; General Engineering Work and Chief Engineer, Pinellas Groves, Largo, Florida. At present engaged in General Engineering, St. Petersburg, Florida. Second Lieutenant Company G, Second Florida Infantry, and Captain, Second C. A. C., National Guard, Florida. now forming.

Merrell, William S. Attorney
Coshocton, Ohio

Born at Millersburg, Ohio, October 17, 1869. Married Letitia Smith, May 25, 1898. Attended the Ohio State University, 1891-92, in the College of Arts. At present, Practicing Attorney, Coshocton, Ohio.

Merrick, Lawrence Hildreth Journalist
Zanesville Times-Recorder
Zanesville, Ohio

Born at Zanesville, Ohio, June 27, 1882. Married Grace Ethel Holcomb, November 4, 1909. Attended the Ohio State University, 1899 to April 1903, in the College of Arts. Reporter for Zanesville Signal, five years; City Editor of same, three years; Managing Editor, Zanesville Times-Recorder, one year, which position he now holds. Member of Beta Gamma Phi.

Merrill, Alice Louise Teacher
B. A. 1893
342 West 67th Street, Chicago, Ill.

Born in Columbus, Ohio, January 30, 1871. Attended the Ohio State University, 1887-93, two years preparatory, and received the degree, Bachelor of Arts, in June 1893. At present teacher in the Public Schools, Chicago, Ill. Member of Chicago College Club, Nike Club, Daughters of American Revolution and Kappa Kappa Gamma.

Mershon, Ralph Davenport
M. E. 1890 Consulting Engineer
80 Maiden Lane, New York City

Born in Zanesville, Ohio, July 14, 1868. Attended the Ohio State University, 1886-90, and was graduated in June 1890, with the degree, Mechanical Engineer. Student assistant in Physics, Ohio State University, 1889-90; Assistant in Electrical Engineering, Ohio State University, 1890-91; Westinghouse Electric and Manufacturing Company, 1891-00, except the year 1897-98, when absent on leave; Chief Engineer Colorado Electric Power Company, Canon City, Colorado, 1897-98; Consulting Engineer in general practice since 1900, with branch office in Montreal, Canada. While with the Westing-

house Electric and Manufacturing Company had experience in all branches of electrical work—experimental work, designing, shop engineering, road engineering and installation, patent expert and investigation work, commercial (selling) work, and engineer of the New York Office, 1898-00. Chief Engineer, 1897-98, of the Colorado Electric Power Company during the designing and installation of their transmission plant. As Consulting Engineer some of the more important pieces of engineering work he has accomplished are: The reconstruction and enlargement of the water-wheel, generating, transforming and transmitting equipment of the Montreal and St. Lawrence Light and Power Company; the design and supervision of the first transmission plant of the Shawinigan Water and Power Company, a plant transmitting power at 50,000 volts a distance of 85 miles to the city of Montreal; the design and installation of the sub-station equipments for the Montreal Street Railway Company; the design and supervision of the transmission plant of the Niagara, Lockport and Ontario Power Company, a plant transmitting power at 60,000 volts from Niagara Falls to various points in the State of New York. This is the largest transmission plant in point of capacity ever undertaken anywhere and is one of the most important in point of distance of transmission. Its present capacity is 60,000 horse-power and it is laid out for an increase to 180,000 horsepower. Its longest feeder at present is 160 miles. He was the only American Engineer retained by the Victoria Falls Power Company, Rhodesia, South Africa, in connection with the installation of steam stations near Johannesburg for supplying power to the gold mines of the Witwatersrand and plans for proposed transmission of power from Victoria Falls to the Rand. Among his more important inventions which are being manufactured under his patents are: the Six-Phase Rotary Converter, for converting alternating to direct current; the Compound Rotary Converter, using an artificial re-actance in series with the alternating current side of the rotary converter; a System of Lightning Protection for electric apparatus, especially applicable to high voltage circuits; a System of Protection against the Possibility of Fire in case of installations of oil insulated transformers; a Compensating Voltmeter, enabling the indication at any point of a transmission system of the voltage at any other point, without the use of pressure wires. Among his more important technical papers are, "The Output of Polyphase Generators and Rotary Transformers," 1895; "Drop in Alternating Current Lines," 1897; "The Maximum Distance to which Power can be Economically Transmitted," 1904; "High Voltage Measurements at Niagara," 1908. Member of the American Institute of Electrical Engineers, the Inventors' Guild, American Society of Mechanical Engineers, American Society of Civil Engineers, American Electro-Chemical Society, Franklin Institute of Philadelphia, Canadian Society of Civil Engineers, the Institution of Electrical Engineers (British), the Societe Internationale des Electriciens (French), a Fellow of the American Association for the Advancement of Science, member of the University Club, the Engineers Club, the Lawyers' Club, the Railroad Club of New York and the St. James Club of Montreal. Designer of transformers for which the Westinghouse Company received award at the World's Columbian Exposition at Chicago in 1893; winner of the John Scott Medal and Premium from the City of Philadelphia for a Volt-Meter Compensator; past Director and past Vice-President of the American Institute of Electrical Engineers, and delegate from this organization to the International Electrical Congress in 1904; member of the United States National Committee of the International Electro-Technical Commission; President of the Inventors' Guild and President of the Ohio State University Association. Member of Sigma Xi.

Metcalf, Zeno Payne Professor and Entomologist
B. A. 1907
North Carolina Agricultural and Mechanical College
Raleigh, North Carolina

Born at Lakeville, Ohio, May 1, 1885. Married Mary Luella Correll, October 20, 1909. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Instructor in Biology, High School at Bloomington, Ill., 1906-07; Instructor in Entomology, Michigan Agricultural College and Assistant Entomologist, Michigan Experiment Station, 1907-08; Assistant Entomologist, North Carolina Department of Agriculture, 1908-12; at present, Associate Professor of Zoology and Entomology, North Carolina Agricultural and Mechanical College and Entomologist in the North Carolina Agricultural College Experiment Station. Has written several bulletins and short articles on Entomological subjects. Member of Ohio Academy of Science, American Association of Economic Entomologists, Entomological Society of America, and North Carolina Academy of Science.

Metz, Ora Franklin
Construction Engineer, Electrical
M. E. in E. E. 1905
Allis-Chalmers Company
Milwaukee, Wisconsin

Born at Locust Ridge, Ohio, February 29, 1880. Married Eva G. Schneider, July 25, 1906. Attended the Ohio State University, 1901-05, and was graduated in June, 1905, with the degree, Mechanical Engineer in Electrical Engineering. With Allis-Chalmers Company, July 1905 to April 1909—in the test room and on the road, doing test work, trouble and erecting work; Office Engineer, San Francisco Office; left Allis Chalmers Company April 1909, and became Electrical and Illuminating Engineer for The Engineering Laboratories Company, for nine months; with Pacific Gas and Electric Company, in charge of construction work, five months; Office Engineer for Allis-Chalmers Company, San Francisco office, July 1910 to July 1911. At present with Allis-Chalmers Company, in charge of electrical erection and trouble work on Pacific Coast. Associate Member of American Institute of Electrical Engineers.

Meuche, Karl Seebohm
Mining Engineer and Geologist
Cer. Engr. 1910
Meuche and Meuche, Houghton, Mich.

Born in Dayton, Ohio, May 9, 1886. Attended the Ohio State University, 1905-10, and was graduated in June 1910, with the degree, Ceramic Engineer. Field Assistant to Dr. A. C. Lane, State Geologist of Michigan, Summers of 1907 and 1908, and Special Assistant from June 1910 to February 1911. At present, Junior Member of firm of Meuche and Meuche, Mining Engineers and Geologists and Contractors for Diamond Drilling, Houghton, Michigan. Member of Knights of Pythias and Phi Kappa Psi.

Mickel, Edward Harrison Farmer
B. A. (Wittenberg College) 1911
Lagonda View Farm, Springfield, Ohio

Born at Springfield, Ohio, November 8, 1888. Married Olive Blanche Woodman, September 6, 1911. Attended the Ohio State University, 1907-10; attended Wittenberg College one year and was graduated in 1911, with the degree, Bachelor of Arts. At present engaged in farming near Springfield, Ohio.

Middleswart, Clarence Coulter Attorney
B. A. (Marietta College) 1894
LL. B. 1898
527 Third Street, Marietta, Ohio

Born at Cow Run, Washington County, Ohio, September 11, 1870. Married Belle L. Otis, September 10, 1890. Attended Marietta College, Marietta, Ohio, 1890-94, and received the degree, Bachelor of Arts, in 1894; attended University of Michigan, 1896-97; attended Ohio State University, 1897-98, and was graduated in June 1898,

with the degree, Bachelor of Laws. Member of Ohio House of Representatives, 1900-04; Practicing Attorney at Marietta, Ohio, 1898 to the present time. Member of Odd Fellows, Knights of Pythias, Sons of Veterans, United Woodmen, Masons and Alpha Sigma Phi.

Miles, Imogene Ingram
(Mrs. John B. Miles)
B. Ph. 1897
1567 Granville Ave., Columbus, Ohio

Born at Bellbrooke, Ohio, February 1, 1874. Married John B. Miles, November 19, 1902. Attended the Ohio State University, 1891-97, two years preparatory, and was graduated in June 1897, with the degree, Bachelor of Philosophy. Member of Kappa Kappa Gamma.

Miller, Albert Howenstine Attorney
Suite 1119, Nicholas Building
Toledo, Ohio

Born at Bellefontaine, Ohio, October 23, 1883. Attended the Ohio State University from February 1904 to June 1906, and received a Certificate in Law in June 1906. Practiced law for two years with Marshall and Fraser, Toledo, Ohio. At present associated with firm Miller, Miller and Brady, attorneys, Toledo, Ohio. Member of Delta Chi.

Miller, Charles Christian
Deputy State Commissioner of Schools
B. A. 1883
D. Ph. (Ohio University) 1903
The Capitol, Columbus, Ohio

Born at Baltimore, Fairfield County, Ohio, November 26, 1856. Married Nellie Cornell Wilbur, July 1, 1896. Attended the Ohio State University 1877-83 (taught part time), and was graduated in June 1883, with the degree, Bachelor of Arts; received the degree, Doctor of Philosophy, at the Ohio University in 1903. Teacher of Latin and Greek, Ohio State University, 1882-83; Superintendent of Schools, Eaton, Ohio, 1883-86; Superintendent of Schools, Ottawa, Ohio, 1886-90; Superintendent of Schools, Sandusky, Ohio, 1890-92; Superintendent of Schools, Hamilton, Ohio, 1892-95; State Commissioner of Common Schools, 1892-94; Superintendent of Schools, Lima, Ohio, 1895-05; President, Lima College, Lima, Ohio, 1905-08; County School Examiner in Preble, Butler, Putnam and Allen Counties; on City School Board of Sandusky, Hamilton and Lima; State School Examiner, 1900-05. At present, Deputy State Commissioner of Schools. Has published a "History of Allen County, Ohio," and a "History of Fairfield County, Ohio." Member of Masonic Lodge, Knights of Pythias and Phi Gamma Delta. House address, 217 King Avenue, Columbus, Ohio.

Miller, Edgar Allan
B. A. 1910 High School Principal
Negaunee, Michigan

Born at Pataskala, Ohio, November 24, 1886. Attended the Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Science teacher, High School, Negaunee, Michigan, 1910-11; since 1911, Principal of High School, Negaunee, Michigan. Member of Sigma Xi and Phi Beta Kappa.

Miller, Henry Franklin
M. E. 1889 Consulting Engineer
345 E. State Street, Columbus, Ohio

Born at Delaware, Ohio, May 10, 1868. Attended the Ohio State University, 1885-89, and was graduated in June 1889, with the degree, Mechanical Engineer. Assistant Mechanical Engineer, Michigan Peninsular Car Co., Detroit, Michigan, 1889-93; General Engineering work, Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., 1893-96; Chief Engineer, National Tube Company, McKeesport, Pa., 1896-00; since 1900, Consulting Engineer, Columbus, Ohio. 32d Degree Mason and Shriner. Member of Phi Kappa Psi.

Miller, Henry Paul Farmer and Lecturer
M. Sc. (Antioch College) 1890
D. V. M. 1897
103 W. Winter St., Delaware, Ohio

Born at Sunbury, Ohio, November 8, 1865. Married Emma Caroline Pierson, May 19, 1891. Attended Antioch College, 1886-90, and was graduated in 1890, with the degree, Master of Science; attended the Ohio State University, January 1896 to June 1897, and received the degree, Doctor of Veterinary Medicine, in June 1897. Lecturer for Ohio State Board of Agriculture, 1900-07; member of faculty of Oklahoma Agricultural College, 1908-10; Lecturer at Chautauquas for Redpath-Vawter System, summers of 1908, 1910; Contributing Editor to Ohio Farmer, and since 1910, Lecturer for Ohio State Board of Agriculture. Has written articles on "Breeds of Sheep," in Bailey's Cyclopedia of Agriculture.

Miller, Merritt Finley Professor
B. Sc. 1900 M. Sc. Agr. (Cornell University) 1901
University of Missouri
Columbia, Missouri

Born in Grove City, Ohio, July 7, 1875. Attended Ohio Wesleyan University, 1895-96; attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Bachelor of Science in Agriculture; attended Cornell University, 1900-01, and received the degree, Master of Science in Agriculture, in 1901; attended University of Gottingen, Germany, 1910-11. With U. S. Department of Agriculture, Bureau of Soils, 1901-02; Instructor in Agronomy, Ohio State University, 1902-04; Assistant Professor of Agronomy, Ohio State University, 1904; since 1904, Professor of Agronomy, University of Missouri. Has written articles for various Experiment Station Bulletins, and other Experiment Station publications. Member of Alpha Zeta and Sigma Xi.

Miller, Pearl Simpson Real Estate
1412 Bryden Road, Columbus, Ohio

Born in Columbus, Ohio, in 1890. Attended the Ohio State University, 1908-09, and Fall Term of 1909. With the Ohio State Journal, Advertising Department, last half 1911; at present with Martin & Cooke, Real Estate, 85 North High Street, Columbus, Ohio. Member of Delta Tau Delta.

Miller, Roy Evans Civil Engineer
C. E. 1908
City Engineer, Lebanon, Ohio

Born at Kingsville, Missouri, February 18, 1887. Married Ethel Gustin, June 16, 1909. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer. Deputy County Surveyor, Warren County, Ohio, 1908-09; Draftsman, Oregonia Bridge Company, 1910-11; at present, City Engineer, Lebanon, Ohio.

Mills, Glendora Teacher
B. Ph. 1902
224 W. Main Cross St., Findlay, Ohio

Born in Etna, Ohio. Attended the Ohio State University, 1896-98, 1900-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Teacher in Public Schools of Marysville, Ohio, and Polo, Illinois. At present, Instructor in Mathematics, Findlay High School, Findlay, Ohio.

Mills, Helen Teacher
B. Ph. 1902
Lorain, Ohio

Born at Gallipolis, Ohio, March 29, 1876. Attended the Ohio State University, 1895-98, 1901-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Teacher in High School, Pomeroy, Ohio, 1902-08; since 1908, Teacher in High School, Lorain, Ohio. Member of Delta Delta Delta.

Mills, Sarah Elizabeth Hoel
(Mrs. William M. Mills)
B. Sc. 1893
North Tonawanda, New York

Born in Waynesville, Ohio, December 18, 1869. Married William M. Mills, October 14, 1896. Attended the Ohio State University, 1888-93, one year preparatory, and was graduated in June 1893, with the degree, Bachelor of Science.

Mills, William C. Curator
B. Sc. Hort. & For. 1898 M. Sc. 1902
Ohio State Archaeological and Historical Society, Columbus, Ohio

Born at Pyrmont, Montgomery County, Ohio, January 2, 1860. Married Olive Buxton, October 7, 1885. Attended the Ohio State University, 1881-84; attended Cincinnati College of Pharmacy, and Cincinnati Ohio Medical College. Re-entered Ohio State University 1897, and was graduated in June 1898, with the degree, Bachelor of Science in Horticulture and Forestry; received the degree, Master of Science, in 1902. Curator of Archaeological Museum, Ohio State University and elected Curator and Librarian of Ohio State Archaeological and Historical Society, 1898; Lecturer on Anthropology. Librarian, Ohio Academy of Science; Associate Editor, "Ohio Naturalist." At present, Curator and Librarian, Ohio State Archaeological and Historical Society, and Librarian, Ohio Academy of Science. Among his publications are: "Explorations of the Adena Mound," 1902; "Explorations of the Gartner Mound," 1904; "Explorations of the Baum. Village," 1906; "Explorations of Harm. Mound," 1907; "Explorations of Sleep Mound," 1909; "Explorations of Jackson County," 1912. Fellow, American Association for Advancement of Science; Member, Ornithologists' Union; Superintendent of Archaeological Exhibits, Pan-American Exposition, Buffalo, 1901; Honorary Superintendent of Archaeology, Louisiana Purchase Exposition, St. Louis, 1904; Superintendent of Archaeological Exhibit, Jamestown, Ter-Centennial Exposition, 1907; Director of the Field Explorations of the Society. Member of Alpha Zeta and Sigma Xi.

Minnemann, Johannes
Cer. Engr. 1910
Manufacturing Engineer
Ohio Insulator Co., Barberton, Ohio

Born at Sidney, Ohio, in 1887. Married Marie Humphreys in 1911. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Ceramic Engineer. At present, Manufacturing Engineer, with Ohio Insulator Company, Barberton, Ohio. Has contributed two articles to Vol. XIII., Transactions of American Ceramic Society, "An Investigation on Art Enameling on Metal," and "Note on Vitrification Range and Dielectric Behavior of Some Porcelains." Associate Member of American Ceramics Society, and of Phi Delta Theta.

Miskimen, Mabel Teacher
B. Sc. Dom. Sci. 1909
233 W. Eleventh Ave., Columbus, Ohio

Born at Plainfield, Ohio, January 23, 1886. Attended the Ohio State University, 1905-09, Spring and Summer of 1911, and was graduated in June 1909, with the degree, Bachelor of Science in Domestic Science. Teacher of Domestic Science in the grades and in High School, Madisonville, Ohio, 1909-10; since 1910, Instructor in Domestic Science in Agricultural Extension Department, Ohio State University.

Mitchell, Herbert W. Attorney
LL. B. 1908
St. Clairsville, Ohio

Born January 8, 1885. Attended the University of Colorado; attended the Ohio State University, 1904-05, in College of Arts, and 1905-08, in College of Law, and was graduated in June 1908, with the degree, Bachelor of Laws. At present, practicing attorney, St. Clairsville, Ohio. Member of Phi Delta Theta and Phi Delta Phi.

Mitchell, Lynn Boal Professor
B. A. 1903 M. A. (Cornell University) 1904 Ph. D. (Cornell University) 1906
William and Vashti College, Aledo, Ill.

Born at Piqua, Ohio, June 14, 1881. Married Grace Louise Taylor, July 2, 1907. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Arts; attended Cornell University, 1903-06, receiving the degree, Master of Arts, in 1904, and the degree, Doctor of Philosophy, in 1906. Instructor in Greek and Latin, Winona Academy, Indiana, 1906-08; since 1908, Professor of Classical Languages, William and Vashti College, Aledo, Illinois. Published an article on "The Moods with Quad and Qui Clauses in Early and Classical Latin," 1906. Graduate Scholar in Classics at Cornell University, 1903-05, and Fellow in Classics, 1905-06. Member of Phi Beta Kappa.

Mithoff, Ruth Mundhenk
(Mrs. George D. Mithoff)
B. Sc. 1899
R. R. 1, Brookville, Ohio

Born at Pyrmont, Ohio, September 24, 1875. Married George D. Mithoff, January 29, 1901. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Science.

Mock, George Herbert Banker
B. Sc. 1891
Assistant Cashier, Ohio National Bank
Columbus, Ohio

Born in Columbus, Ohio, August 20, 1868. Married Kathalyne Beaver, January 25, 1899. Attended the Ohio State University, 1885-87, preparatory, and 1887-91, and was graduated in June 1891, with the degree, Bachelor of Science. Engaged in electrical work, 1891; newspaper work, 1892; surveying, 1893; with Ohio National Bank, since December 18, 1893, and at present, Assistant Cashier. Member of Board of Education, Worthington, Ohio. Member of Phi Kappa Psi. House address, Worthington, Ohio.

Moist, Albert Reynolds Farmer
B. Sc. Agr. 1908
Glendale, Ohio

Born at Clayton, Ohio, December 7, 1882. Attended the Ohio State University, 1903-05, in the College of Arts, and 1905-08, in the College of Agriculture, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Field Manager, Buffalo Creek Farm, Arlington Heights, Illinois, 1909; Farm Superintendent, Waddington Farm, Elm Grove, West Virginia, 1910; at present, General Manager, Sheffield Farms, Glendale, Ohio. Member of Delta Theta Sigma.

Moist, Harvey Clinton
Manufacturer, Tents and Awnings
1131 N. Main Street, Dayton, Ohio

Born at Clayton, Ohio, November 1, 1879. Attended the Ohio State University, 1901-04, in the College of Arts. At present with Charles Glawe Manufacturing Company, Dayton, Ohio, Manufacturers of tents and awnings.

Molloy, Mary Aloysia College Dean
B. Ph. 1903 M. A. 1905
D. Ph. (Cornell University) 1907
College of Saint Teresa,
Winona, Minnesota

Born at Sandusky, Ohio. Attended the Ohio State University, 1899-05, and was graduated in June 1903, with the degree, Bachelor of Philosophy; received the degree, Master of Arts, June 1905; attended Cornell University, 1905-07, and received the degree, Doctor of Philosophy, in June 1907. Teaching Fellow in English, Ohio State University, 1903-05; Graduate Fellow in English and Philology, Cornell University, 1905-07; Assistant Principal, Winona Seminary, 1907-11; since 1911, Dean, College of Saint Teresa, Winona, Minnesota. Among her publications are, "The

Celtic Rite in Britain in Studies in Language and Literature" (Hart Memorial Volume, 1910); Collaborator in the Wordsworth Concordance, 1911(London). Member of Phi Beta Kappa, and The Concordance Society.

Monett, Howard Bennett Real Estate Broker
B. A. 1910
144½ North Washington Avenue
Columbus, Ohio

Born in Columbus, Ohio, in 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Has been engaged in Real Estate business since leaving college. Member of Kappa Sigma.

Monosmith, David Joseph Farmer
Spencer, Ohio

Born at Spencer, Ohio, March 21, 1876. Attended the Ohio State University, 1902-03, in the College of Engineering. Since 1903, Farmer, Spencer, Ohio.

Montgomery, Earle Towse
E. M. in Cer. 1907 Ceramic Engineer
U. S. Bureau of Standards, 40th and Butler Streets, Pittsburgh, Pa.

Born in Gallipolis, Ohio, June 11, 1884. Married Sue Ione Du Bois, June 15, 1911. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Engineer of Mines in Ceramics. For three years, he was engaged in the practical experience of Ceramic Engineering, as factory superintendent; one year, Instructor in Ceramic Engineering, University of Illinois; at present, Ceramic Engineer, Clay Products Section, U. S. Bureau of Standards, Pittsburgh, Pa. Among his published articles are, "Construction of Center-stack, Round, Downdraught Kiln," Paper 1911, Vol. 13, Transactions American Ceramic Society; "A Study in Underglaze Colors," Paper 1911, Vol. 13, Transactions American Ceramic Society. Member of American Ceramic Society.

Montgomery, Robert J. Ceramic Engineer
Cer. Engr. 1911
Pittsburgh Plate Glass Company
Creighton, Pennsylvania

Born at Gallipolis, Ohio, May 25, 1886. Attended the Ohio State University, 1906-11, and was graduated in June 1911, with the degree, Ceramic Engineer. Bookkeeper, 1903 to 1906; Student Assistant, Ohio Geological Survey, Summer of 1910; at present, First Assistant, Clay Research Laboratory, Pittsburgh Plate Glass Company, Creighton, Pa. Member of American Ceramic Society, and of Delta Kappa.

Moody, Ancil Earl
B. A. 1907 Superintendent of Schools
Flushing, Ohio

Born in Cable, Ohio, February 28, 1883. Attended Urbana University, 1901-02; attended Otterbein University, 1901; attended the Ohio State University, 1903-04, 1906-07, and Summer School 1908 and 1909, and was graduated in June 1907, with the degree, Bachelor of Arts. At present, Superintendent of Schools at Flushing, Ohio.

Mooney, Charles N. Bureau of Soils
B. Sc. Agr. 1900
U. S. Department of Agriculture
Washington, D. C.

Born at Lockport, Illinois, January 8, 1874. Married Jennie L. Dixon, December 31, 1902. Attended the Ohio State University from September 1895 to March 1901, and was graduated in June 1900, with the degree, Bachelor of Science in Agriculture. Student Assistant, U. S. Weather Bureau, Columbus, Ohio, Station, 1900-01; since 1901, Scientist in Soil Survey, Bureau of Soils, Washington, D. C. Author of a chapter on "Soils and Agriculture," in a volume on Bahama Islands, W. I., written while on detail with an expedition with Geographical Society of Baltimore, 1903; has also written numerous soil survey reports on areas over Eastern and Southern States. Member of

National Geographic Society, American Breeders' Association, Masons, and of Alpha Zeta.

Mooney, George L. Electrical Engineer
M. E. in E. E. 1903
The Osborne & Sexton Machinery Co.
Columbus, Ohio

Born at Woodsfield, Ohio, November 26, 1879. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Mechanical Engineer in Electrical Engineering. With The Westinghouse Electric Company, two years; with Natural Gas Supply Company, Vincennes, Indiana; at present, Treasurer, The Osborne & Sexton Machinery Company, Columbus, Ohio. Member of Sigma Nu.

Mooney, James Sylvester Cadet
U. S. Military Academy
West Point, New York

Born at Collinwood Station, Cleveland, Ohio, October 4, 1885. Attended the Ohio State University, 1906-07; U. S. Military Academy, four and one-half years. At present, Cadet, United States Military Academy.

Moore, C. Ellis Attorney
B. Sc. (Muskingum College) 1907
LL. B. 1910
Central National Bank Building
Cambridge, Ohio

Born at Middlebourne, Ohio, January 3, 1884. Married Nannie B. Hammond, June 30, 1910. Attended Mount Union College, Summers of 1901, 1902; attended Muskingum College, and was graduated in 1907, with the degree, Bachelor of Science; attended the Ohio State University, 1907-10, and received the degree, Bachelor of Laws, in June 1910. At present, Practicing Law in Cambridge, Ohio. Member of Delta Sigma Rho.

Moore, Franklin Burdette Chemist
Greentown, Stark County, Ohio

Born at Greentown, Ohio, January 17, 1888. Attended Ohio Northern University, one year; attended Mount Union College, two years; attended Allegheny College, one year; attended the Ohio State University, Fall of 1907, in the Clayworking Course. Assistant Instructor in Chemistry, Allegheny College, 1908-09; Chemist for Cleveland Furnace Company, 1909; Analytical and Research Chemist for Goodrich Rubber Company, 1910-11.

Moore, Henry Curtis Attorney
B. Sc. 1897 LL. B. 1901
Brunson Building, Columbus, Ohio

Born at Bainbridge, Ohio, November 10, 1871. Married Carrie Eldora Southard, April 1909. Attended the Ohio State University, 1892-97, 1898-01, and was graduated in June 1897, with the degree, Bachelor of Science, and in June 1901, with the degree, Bachelor of Laws. Teacher of Mathematics, Capital University, Columbus, Ohio, 1897-98; Teacher in High School, Columbus, Ohio, 1899-05; since 1901, Attorney-at-Law, Columbus, Ohio.

Moore, Melbourne D. Dairy Farmer
B. Sc. Agr. 1909
R. R. No. 2, Salem, Ohio

Born at Salem, Ohio, December 31, 1882. Married Julia Ann Kelly, December 25, 1911. Attended the Ohio State University, 1905-09, and was graduated in June, 1909, with the degree, Bachelor of Science in Agriculture. Dairy farmer, Salem, Ohio, since leaving college.

Morehouse, Wallace Wilber Civil Engineer
Box 402, Miamisburg, Ohio

Born at New Burlington, Ohio, September 12, 1881. Was married February 14, 1907. Attended the Ohio State University, from 1901 to March 1903, in the College of Engineering. Transitman, N. Y. C. & H. R. R. R., June 1903 to May 1906; Transitman, C. C. C. & St. L. R. R., May 1906 to May 1907; Resident Engineer, Ohio Electric Railway, May 1907 to July 1907; Resident Engineer, Buffalo & Lake Erie Traction Co., July 1907 to December 1907; Resident Engineer, Bitter Root Valley Irrigation Company, February 1908 to July 1909. Since November 1909, Resi-

dent Engineer, C. C. C. & St. L. R. R. Member of American Railway Engineering Association.

Morgan, Eugene Attorney
Columbus Humane Society
Columbus, Ohio

Born at Porterville, Morgan County, Ohio, June 9, 1870. Married Osee Johnson, December 23, 1903. Attended Ohio Normal University, 1891-92; attended the Ohio State University, Law College, 1897-98, and received a Certificate in Law, in June 1898. Since 1898, engaged in general practice of law, Columbus, Ohio. Since January 1906, Attorney for Columbus Humane Society. House address, 89 North Ohio Avenue, Columbus, Ohio.

Morningstar, Charlotte
B. A. 1911
1275 Franklin Ave., Columbus, Ohio

Born in Columbus, Ohio, in 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts.

Morrey, Charles Bradfield Professor
B. A. 1890 M. D. (Starling Medical College) 1896
Ohio State University, Columbus, Ohio

Born at Chester Hill, Morgan County, Ohio, November 5, 1869. Married Grace Hamilton Jones, October 21, 1898. Attended the Ohio State University, 1885-90, and was graduated in June 1890, with the degree, Bachelor of Arts; attended Starling Medical College, 1893-96, and received the degree, Doctor of Medicine, in 1896; attended University of Vienna, Zurich, Paris and Pasteur Institute, Paris, 1897-99. Assistant in Latin, Ohio State University, 1890-91; Assistant in Latin and Physiology, ibid., 1891-92; Assistant in Physiology, ibid., 1892-97; Assistant Professor of Anatomy and Physiology, Ohio State University, 1899-02; Associate Professor of Anatomy and Physiology, ibid., 1902-03; Associate Professor of Bacteriology, ibid., 1903-04. Since 1904, Professor of Bacteriology, and Head of Department. Among his publications are: "A Method of Staining Bacteria in Tissues," 1898; "Die Genauigkeit der Blickbewegung und der Lokalization an der Netzhautperipherie," 1899; "Origin of Natural Gas," 1907; "Vaccination in Colds," 1909; "Some Uses of Bacteria," Sigma Xi address, 1906 (not published); "Laboratory Exercises in General Bacteriology," 1906-11; "A Convenient 20° Incubator," 1912; "Bacteriology for Veterinary Students," (in preparaton). Member of American Association for Advancement of Science, American Chemical Society, and Sigma Xi.

Morrey, William Thomas Teacher
B. A. 1888 M. A. (New York University) 1893 Ph. D. (Columbia University) 1911
535 West 111th St., New York City

Born at Chester Hill, Ohio, May 8, 1865. Married Mary Kelsey Doherty, January 2, 1895. Attended the Ohio State University, 1883-88, 1890-92, receiving the degree, Bachelor of Arts, in June 1888; attended New York University, 1892-93, receiving the degree, Master of Arts, in 1893; attended College of Physicians and Surgeons, 1893-94; attended Columbia University, 1904-11, and was graduated in 1911, with the degree, Doctor of Philosophy. Principal of Chesterhill, Ohio, High School, 1889-90; Teacher in High School, Columbus, Ohio, 1890-92; Teacher in Preparatory Department, Stevens Institute of Technology, Hoboken, New Jersey, 1892-98; Teacher Morris High School, New York City, 1898-10; since 1910, Teacher in charge of Annex of Busheich High School, Brooklyn, New York. Has published an article, "In Diario de Caracas, on Bolivar," for State Department of Education, Albany, New York; joint work, on "Physical Geography Teaching," Syllabus, etc.; joint author of Ney, Bryant, Clendenin, and Morrey Physiography. Member of the Ohio State University Association of New York, Morris High School Association and is President of New York City High School Teachers' Association.

Morris, Alice Louise Librarian
B. A. 1909
241 West 8th Ave., Columbus, Ohio

Born at South Charleston, Ohio, November 26, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts; Library School, Western Reserve University, 1909-10. Assistant in Library, Ohio State University, 1910-11; at present Assistant Cataloguer, Ohio Wesleyan University Library, Delaware, Ohio.

Morris, Clyde T. Professor
C. E. 1898
Ohio State University, Columbus, Ohio

Born in Morrow County, Ohio, in 1877. Married Mabel Taylor, in 1899. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Civil Engineer. Assistant Engineer, Youngstown Bridge Company and King Bridge Company, 1899-02; Principal Assistant Engineer, Puget Sound Bridge & Dredging Company, 1902-04; Assistant Engineer, King Bridge Company, 1904-06. Since 1906, Professor of Structural Engineering, Ohio State University, Columbus, Ohio. Among his publications are, "Steel Structures,' 1909; also articles for various engineering magazines. Was Deputy State Highway Commissioner in charge of the Bureau of Bridges, for a time. Member of American Society of Civil Engineers, Society for Promotion of Engineering Education, and Sigma Xi.

Morris, Harry Veterinarian, Bacteriologist
D. V. M. 1910
Louisiana Agricultural and Experiment Station, Baton Rouge, Louisiana

Born at Bloomingburg, Ohio. Attended the Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Doctor of Veterinary Medicine. At present, Assistant Veterinarian and Bacteriologist, Louisiana Agricultural and Experiment Station, Baton Rouge, La.

Morris, Harry Longworth Chemist
Iron and Blast Furnace
23 E. Mulberry St., Springfield, Ohio

Born in Springfield, Ohio, January 19, 1877. Married April 21, 1904. Attended the Ohio State University, 1896-98, 1900-01, and received a Certificate in Pharmacy in June 1898. Drug Clerk from 1898 to 1900. Chief Chemist for Low Moor Iron Company, of Viriginia, for ten years. Member of Lodge of Elks, Odd Fellows, Sons of Veterans.

Morris, Thomas Bray Mechanical Engineer
M. E. 1909
E. K. Morris & Co., Cincinnati, Ohio

Born in Cincinnati, Ohio, July 14, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer. Assistant to Superintendent, Kilbourne & Jacobs Manufacturing Company, Columbus, Ohio, January 1910 to June 1910; Draftsman, Jeffrey Manufacturing Company, Columbus, Ohio, June 1910 to January 1911. Since January 1911, with E. K. Morris & Company, Cincinnati, Ohio. Member of Phi Delta Theta.

Morris, William Blaine Mechanical Engineer
M. E. 1902 Designer
C. & G. Cooper Co., Mt. Vernon, Ohio

Born at Hubbard, Ohio, November 10, 1879. Married Bertha Ellis, July 5, 1905. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Mechanical Engineer. Since 1902, Engineering Designer, C. & G. Cooper Company, Mt. Vernon, Ohio. Member Masonic Order. House address, 7 Wooster Avenue, Mt. Vernon, Ohio.

Morris, William Blymyer Manager
Central Indiana Gas Company
Muncie, Indiana

Born at Cincinnati, Ohio, January 10, 1887. Attended the Ohio State University, 1904-07. With the Dawes Company of Chicago, Ill., in their plants at Mobile Alabama, Shreveport Louisiana, Waterloo

Iowa, and at present with the Central Indiana Gas Company, which controls the gas business in Muncie, Marion, Hartford City, Alexandria, and other small towns,—Manager, Hartford City Division. Member of Phi Delta Theta.

Morrison, Robert O. Civil Engineer
C. E. 1893
City Engineer, Monroe, Louisiana

Born at Hopewell, Ohio. Attended Cornell University one year; attended Ohio State University, 1889-93, and was graduated in June 1893, with the degree, Civil Engineer. Assistant on Engineering Corps, Pennsylvania Lines, 1896-03; Assistant Engineer, Maintenance of Way, Pennsylvania Lines, 1903-06; Assistant Engineer, Missouri Pacific Railroad, 1906; Assistant Division Engineer, Missouri Pacific R. R., 1906-08; Division Engineer, Missouri Pacific R. R., 1908-11; Resident Engineer, Forida East Coast Railway, Key West Extension, 1911, six months; since June 1911, City Engineer, City of Monroe, Louisiana. Member of American Railway Engineering and Maintenance of Way Association, and of Delta Kappa Epsilon.

Morrow, Rush B. Electrical Engineer
M. E. in E. E. 1907
The Washington Water Power Co.
P. O. Box 1390, Spokane, Wash.

Born at Bryan, Ohio, February 28, 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer in Electrical Engineering. Equipment man with American Telegraph & Telephone Company, July 1907 to October 1908. Since April 1910, Electrical Engineer on 60,000 volts transmission lines with The Washington Water Power Company, Spokane, Washington. Member of Masonic Order.

Morse, William Clifford Professor
B. A. 1906 M. A. 1908
Ohio State University, Columbus, Ohio

Born at Starr, Ohio, October 28, 1874. Was married April 8, 1896. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts; graduate work, 1906-10, and received the degree, Master of Arts in June 1908; attended University of Chicago, summer of 1911. Fellow, Department of Zoology & Entomology, Ohio State University, 1906-07; Fellow and Assistant, in Geology, ibid., 1907-08. Since 1908, Instructor in Geology, Ohio State University. Assistant on Geologic Survey of Ohio and Kentucky, summers of 1907 and 1908. Among his publications are, "The Columbus Esker,' Ohio Naturalist, Vol. VII., pp. 63-72, 1907; "Contributions to the Life History of Cornus Florida," Ohio Naturalist, Vol. VIII., pp. 197-204, 1907; "The Waverly Formations of East-Central Kentucky," Journal of Geology, Vol. XVII., pp. 164-177, 1909; "The Richmond-Lorraine Line," with Aug. F. Foerste, Geological Map of Ohio by J. A. Bownocker, Geological Survey of Ohio, 1909; "Outline of Field Trips in Geology for Central Ohio," with C. S. Prosser, 74 pp., 1910; "The Maxville Limestone," Geological Survey of Ohio, Bulletin 13, 128 pp. 1910; "The Fauna of the Maxville Limestone," proceedings Ohio State Academy of Science, Vol. 5, special paper, No. 17, pp. 351-420, 1911. Member of Ohio State Academy of Science, American Association for Advancement of Science, Paleontological Society, Sigma Xi.

Morton, Cora Teacher
B. A. 1908 M. A. 1910
2315 Washington Avenue
Norwood, Ohio

Born in Cincinnati, Ohio, in 1874. Attended Oberlin College, Summer of 1897; attended the Ohio State University, Summers of 1906 and 1910, and years 1907-09, receiving the degree, Bachelor of Arts, in June 1908, and the degree, Master of Arts, in June 1910. Since 1897, Teacher in Norwood High School, Norwood, Ohio. At present head of the Science Department. Member of Phi Beta Kappa.

Mougey, Harry Clifford Chemist
B. Sc. in Chem. Engr. 1911
Lowe Brothers Co., Dayton, Ohio

Born in Baldwin, Louisiana, January 10, 1889. Attended the Ohio State University, 1906-11, and was graduated in June 1911, with the degree, Bachelor of Science in Chemical Engineering. Student Assistant in Chemistry and Private Assistant to Professor McPherson, while in the University. At present, Chemist, Lowe Brothers Company, Dayton, Ohio. Member of American Chemical Society, and of Sigma Xi and Phi Lambda Upsilon.

Mount, Carroll Hays Mechanical Engineer
M. E. 1910
195 W. 11th Avenue, Columbus, Ohio

Born in Columbus, Ohio, in 1886. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Mechanical Engineer. Assistant Superintendent, Pittsburgh Plate Glass Company, Pittsburgh, Pa., one year; at present, Engineer with Jeffrey Mfg. Co., Columbus, Ohio. Junior member, American Society of Mechanical Engineers, and of Delta Kappa.

Moyer, Frank Veterinarian
Carey, Ohio

Born at Lovell, Ohio, March 26, 1883. Married Daisy Ryder, August 8, 1910. Attended the Ohio State University, 1905-08, and received a Certificate in Veterinary Surgery, in June 1908. Practicing Veterinary Medicine, Carey, Ohio.

Moyer, Henry Elvin Chemist
B. Sc. 1893
The Briar Hill Steel Company
Youngstown, Ohio

Born at Leetonia, Ohio, December 12, 1865. Married Clara May Cutler, September 28, 1899. Attended the Ohio State University, 1888-93, one year preparatory, and was graduated in June 1893, with the degree, Bachelor of Science. Chemist, Virginia Iron & Ry. Co., May 1 to October 1, 1893; Chemist, Corrigan McKinney & Co., November 1, 1894 to July 1, 1895; Chemist, W. C. Runyon, November 1, 1896 to April 1, 1897; Chief Chemist, Youngstown Steel Co., July 27, 1897 to February 1, 1912. Since February 1, 1912, Chief Chemist, The Briar Hill Steel Company. Member of Knights of Pythias. House address, 360 Broadway, Youngstown, Ohio.

Mull, Bert LaForrest Attorney
B. Sc. (National Normal University) 1887
B. A. (Ohio Wesleyan University) 1895 M. A. (Ohio Wesleyan University) 1898 LL. B. 1898
931 Central Building
Los Angeles, California

Born at Lebanon, Ohio, March 3, 1870. Married Florence E. Crow, August 24, 1898. Attended National Normal University, Lebanon, Ohio, 1886-87, and was graduated in 1887, with the degree, Bachelor of Science; attended Ohio Wesleyan University, Delaware, Ohio, 1889, 1893-95 and received the degrees, Bachelor of Arts, in 1895, and Master of Arts, in 1898; attended the Ohio State University, 1896-98, and received the degree, Bachelor of Laws, in June 1898. Instructor in Mathematics, High School, Columbus, Ohio, 1895-03. Admitted to Ohio Bar in 1898; admitted to California Bar in 1907; at present, Attorney at Los Angeles, California. Member of University and Union League Clubs at Los Angeles, Phi Delta Theta, and Phi Beta Kappa.

Mullin, William George Electrical Engineer
M. E. in E. E. 1907
Central Union Telephone Company
Chicago, Illinois

Born in New Lexington, Ohio, August 7, 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer in Electrical Engineering. With the Central Union Telephone Company since graduation; two years with local plant department, Columbus, Ohio; two years in Engineering Department, Indianapolis, Ind.,

and Chicago, Ill. At present, Electrolysis Expert in Engineering Department, Chicago, Ill. Member of Knights of Columbus. Home address, 1021 Highland Street, Columbus, Ohio.

Mulvey, Margaret Law Student
718 Elberon Avenue
Zanesville, Ohio

Born at Zanesville, Ohio, April 21, 1890. Attended the Ohio State University, Arts College, 1910-11; Meredith's Business College, Zanesville, Ohio, six months 1910. At present studying law with Attorney Abbe L. Jones, Zanesville, Ohio.

Mundhenk, Frederick Life Insurance
B. Ph. 1896
John Hancock Mutual Life Ins. Co.
Toledo, Ohio

Born at Pyrmont, Montgomery County, Ohio, April 10, 1875. Was Married January 6, 1897. Attended the Ohio State University, 1890-96, two years preparatory, and was graduated in June 1896, with the degree, Bachelor of Philosophy. Solicitor, Equitable Life Insurance Company, Columbus, Ohio, 1897-98; Solicitor, John Hancock Mutual Life Insurance Company, Columbus, Ohio, 1899-01; since 1901, General Agent for same company, Toledo, Ohio. Member of Alpha Tau Omega. House address, 1515 Collingwood Avenue, Toledo, Ohio.

Mundhenk, Ruth
(See Ruth Mundhenk Mithoff)

Murphey, Howard Sylvester Professor
D. V. M. 1908
Iowa State College, Ames, Iowa

Born in Coshocton County, Ohio, February 15, 1882. Married Mabel Slater, December 21, 1903. Attended the Ohio State University, Fall 1903, January 1906 to June 1908, and was graduated in June 1908, with the degree, Doctor of Veterinary Medicine. Clerk at Veterinary Hospital, Ohio State University, 1907-08; in private practice, Warsaw, Indiana, one year and three months, and at the same time, District Inspector, Ohio State Live Stock Commission; Assistant Professor Veterinary Division, Iowa State College, two years. At present, Associate Professor of Veterinary Medicine, Iowa State College. Member of Ohio and Iowa State Veterinary Associations, Iowa State Grange, and Phi Kappa Phi.

Murphy, Joseph Lincoln Civil Engineer
C. E. 1903
Nelsonville, Ohio

Born in Vinton County, Ohio, January 29, 1877. Married Margaret Mary DeVall, June 14, 1905. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Civil Engineer. Since 1903, Engineer, New York Coal Company, Nelsonville, Ohio. Member of Masons, Elks, and of Royal Arcanum.

Murphy, Lura Mae Teacher
B. A. 1908
St. Clairsville, Ohio

Born at Bealsville, Ohio, in 1886. Attended Bethany College, Bethany, W. Va., in 1903; attended Mount Union College, 1904-06; attended Ohio State University, 1907-08, and was graduated in June, 1908, with the degree, Bachelor of Arts. High School teacher of Latin and German, Cuyahoga Falls, Ohio, 1908-09; High School teacher and Principal, Smithfield, Ohio, 1909; since 1910, High School Assistant Principal and teacher of Latin and English, St. Clairsville, Ohio.

Murray, Gerard Archibald
Cer. Engr. 1910 Ceramic Engineer
U. S. Bureau of Standards, 40th and Butler Streets, Pittsburgh, Pa.

Born in Virginia, October 23, 1886. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Ceramic Engineer. Electrical porcelain Inspector, Westinghouse Electric & Manufacturing Company, June 1910 to July 1911. At present, Laboratory Assistant in Clay Section of Bureau of Standards, Pittsburgh, Pa. Member of Sigma Xi.

Myers, Albert B. Experimental
E. M. 1900 Mining Engineer
El Oro Mining & Railway Company,
El Oro, Estado de Mexico, Mexico

Born in Columbus, Ohio, April 13, 1879. Married Angela Arteaga Chavez, March 3, 1908. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Engineer of Mines. Draftsman with a manufacturing company, 1900-01; Engineer and Chemist with smelter, 1901-03; Mine Superintendent, 1903-10. Since 1910, Experimental Engineer, Cyanide Department, El Oro Mining & Railway Company.

Myers, Herbert Merton Attorney
B. A. 1905 LL. B. 1907
715 Harrison Bldg., Columbus, Ohio

Born at West Alexandria, Ohio, June 8, 1882. Married Virginia Wise, October 25, 1911. Attended the Ohio State University, 1901-05, in the College of Arts, and was graduated in June 1905, with the degree, Bachelor of Arts; 1904-07, in College of Law and received the degree, Bachelor of Laws, in June 1907. Secretary, Department of Public Safety, City of Columbus, Ohio, 1909; Special Counsel, Attorney General's Office, State of Ohio, 1910. At present, Practicing Attorney of Columbus, Ohio. Member of Elks Lodge, Ohio Club, Automobile Club, Sigma Chi.

Myers, Joseph Simmons Journalist
B. A. 1887
The Pittsburgh Post, Pittsburgh, Pa.

Born in Columbus, Ohio, February 3, 1867. Married Madelaine E. Davis, June 1, 1904. Attended the Ohio State University 1881-87, two years preparatory, and was graduated in June 1887, with the degree, Bachelor of Arts. Reporter on Columbus Times, Columbus, Ohio, 1887-88; Reporter, Cleveland Leader, Cleveland, Ohio, 1888-89; Telegraph Editor, Pittsburgh Post, 1889-90; Night Editor, Pittsburgh Post, 1890-96; Managing Editor, Pittsburgh Post, 1896-06. Since 1906, Editor, Pittsburgh Post, and Managing Editor, Pittsburgh Sun. Member of military order, Loyal Legion, Phi Gamma Delta and Phi Beta Kappa.

Myers, Ord Electrical Engineer
M. E. in E. E. 1895
216th Street and Ninth Avenue
New York City

Born in Louisville, Ohio, September 17, 1870. Married Mary C. Long, August 31, 1902. Attended the Ohio State University, 1888-90, preparatory, and 1891-95, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering. Spent one year in General Electrical Construction, 1895-96; with Metropolitan Street Railway Company and Third Avenue Railway Company of New York City, 1896-11. At present, Engineer, Third Avenue Railway Company. Member of Royal Arcanum, National Geographic Society, Ohio State University Association of New York, President of Harlem Bowling Club, member of Association, American Institute of Electrical Engineers. Lieutenant of 12th New York Volunteers, Spanish-American War.

Myers, Roy Vinton Civil and
C. E. 1893 Mining Engineer
605 Empire Building, Knoxville, Tenn.

Born at Louisville, Ohio, in 1869. Attended the Ohio State University, 1888-93, and was graduated in June 1893, with the degree, Civil Engineer. Assistant Engineer, Columbus & Hocking Coal & Iron Company, Columbus, Ohio, March 1894 to October 1895; Chief Engineer of the same company, October 1895 to June 1896; Superintendent of Mines, Dayton Coal & Iron Company, Dayton, Tennessee, June 1896 to September 1906; since 1906, Consulting Civil and Mining Engineer, Knoxville, Tennessee, and Vice-President, Myers-Whalee Company, manufacturers of underground and surface shoveling machines. Member of American Institute of Mining Engineers.

Myers, Uriah Henry Publisher
E. M. 1887
Myers & Shinkle Co., Pittsburgh, Pa.

Born at Mansfield, Ohio, February 6, 1868. Attended the Ohio State University, 1881-87, and was graduated in June 1887, with the degree, Engineer of Mines. Chemist, Jefferson Iron Works, Steubenville, Ohio, 1888-94; Chemist, Marshall-Kennedy Milling Company, Pittsburgh, Pa., 1894-96. Since 1896, Proprietor and Superintendent, Myers & Shinkle Company, printers and stationers, Pittsburgh, Pa. Member of Phi Gamma Delta.

Nailor, Joseph Charles Attorney
1015 Columbus Savings & Trust Building, Columbus, Ohio

Born in Columbus, Ohio, January 6, 1878. Attended the Ohio State University one term in 1903, in College of Arts, and three years, 1906-09, in College of Law, receiving a Certificate in Law in June 1909. At present practicing law, Columbus, Ohio. Councilman-at-large, Columbus, Ohio, 1912-13. Member of Knights of Pythias, Dramatic Order Knights of Khorrassan.

Napper, Charles William (Colored)
B. A. 1906 Manufacturer
C. R. Patterson & Sons
Greenfield, Ohio

Born at Greenfield, Ohio, June 6, 1883. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Sales Manager of C. R. Patterson & Sons, carriage builders, Greenfield, Ohio, 1906-07; admitted to co-partnership with the same firm in 1907, which position he now holds.

Nash, Simeon Attorney
B. A. 1901 LL. B. 1904
Ruggery Building, Columbus, Ohio

Born at Zanesville, Muskingum County, Ohio, July 18, 1881. Attended the Ohio State University 1897-01, and was graduated in June 1901, with the degree, Bachelor of Arts; attended College of Law, 1902-04, and received the degree, Bachelor of Laws, in 1904. Since June 1904, Practicing Attorney, firm of Williams, Williams, Taylor & Nash, Ruggery Building, Columbus, Ohio. Second Lieutenant Troop B, First Squadron Ohio Cavalry. Member Masons, Columbus Club and Phi Delta Phi. House address, 154 South 17th Street, Columbus, Ohio.

Neeb, George Frederick Teacher
B. A. 1909
M. A. (Harvard University) 1910
424 Franklin Street, Sandusky, Ohio

Born at Dayton, Ohio, October 23, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts; attended Harvard University and received the degree, Master of Arts, in 1910; Graduate Student in German, Harvard University, 1910-11. At present, Teacher of German, High School, Sandusky, Ohio.

Neiswender, Lisle William Physician
M. D. (Ohio Medical University) 1906
2103 N. High Street, Columbus, Ohio

Born at Grove City, Ohio, November 30, 1879. Married Mary Dennison, July 29, 1911. Attended the Ohio State University, 1897 to February 1899 and February to June 1900; attended Ohio Medical University four years and was graduated in June 1906, with the degree, Doctor of Medicine. At present, Practicing Medicine, Columbus, Ohio. Member of American Medical Association, Columbus Academy of Medicine, Improved Order of Red Men.

Nelson, Leo Raymond Manufacturer
B. A. 1909
C. A. Nelson Drain Tile Company
Beaver Dam, Ohio

Born in Jefferson Township, Preble County, Ohio, August 17, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Assistant Superintendent, The Nelson-Myers Company,

manufacturers of Drain Tile, 1909-11. At present, Secretary-Treasurer, The C. A. Nelson Drain Tile Company, Beaver Dam, Ohio. Member of Gamma Phi and Delta Chi. Home address, West Manchester, Ohio.

Nesbitt, Edith
(See Edith Nesbitt Marion)

Nesbitt, Frederick Cookman
M. E. in E. E. 1905 Electrical Engineer
E. W. Clark & Co., Wyandott Bldg., Columbus, Ohio

Born in Columbus, Ohio, January 12, 1881. Married Louise Virginia Howell, August 28, 1906. Attended the Ohio State University, 1900-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. With The Sackett Mine Supply Company, Columbus, Ohio, 1905; Fostoria Incandescent Lamp Company, 1906; Ralston Steel Car Company, 1906-09. Since 1910, Engineering Department, E. W. Clark & Company, Columbus, Ohio. Member of Delta Upsilon. House address, R. F. D. No. 5, Grandview Heights, Columbus, Ohio.

Nettleton, Albert W. Farmer
B. Sc. Agr. 1898
Medina, Ohio

Born at Medina, Ohio, January 10, 1876. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Bachelor of Science in Agriculture. At present engaged in Farming near Medina, Ohio. President of Board of Education of Medina. Member of Alpha Zeta.

Newlove, Florence Almeda
B. A. 1909
40 Parkwood Avenue, Columbus, Ohio

Born in Columbus, Ohio, August 10, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Member of Kappa Kappa Gamma.

Newton, Edwin Andrew Manufacturer Knitting Machinery
310-312 North Fourth Street
Philadelphia, Pennsylvania

Born at Cardington, Delaware County, Pennsylvania, November 1, 1870. Married Sara S. Phillips, February 15, 1899. Attended the Ohio State University, 1891-93, in the College of Engineering. Engaged in manufacture of knitting machinery, 310-312 North Fourth Street, Philadelphia, Pa. House address, 5130 Mervine Street, Logan, Philadelphia, Pa.

Newton, Samuel Donald Civil Engineer
C. E. 1895
613 Spring St., Jamestown, New York

Born in Xenia, Ohio, June 10, 1872. Married Mary Wood Guion, April 24, 1907. Attended Antioch College, Yellow Springs, Ohio; attended Ohio State University, 1892-95, and was graduated in June 1895, with the degree, Civil Engineer. In various positions from Masonry Inspector to that of Assistant Engineer, Maintenance of Way Department, Southern Railway, 1895-07; City Engineer, Knoxville, Tennessee, 1908-10. Since 1910, in private practice of Civil Engineering at Knoxville, Tennessee, and at present in Jamestown, New York. Has superintended the paving of fourteen miles of streets and the construction of several miles of sewers and also erected several concrete bridges for the City of Knoxville, Tennessee. Has written several articles, among which are, "Care of Water at Street Intersections," presented before the American Society of Municipal Improvements in 1909; some discussions before the American Society of Civil Engineers and the technical press; also some general literature. Associate Member of American Society of Civil Engineers, member of American Society of Municipal Improvements, 32d Degree Mason, Knight Templar and Shriner.

Nichols, Ada
(See Ada Nichols Foote)

Nichols, Rell Hunt Principal High School
B. Sc. Edu. 1909
Kenton, Ohio

Born in Pataskala, Ohio, in 1876. Married Clyda May Wells in 1897. Attended the Ohio State University four years and four Summer Terms, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Education. Since 1909, Principal of High School, Kenton, Ohio.

Nicola, Benjamin Di Attorney
LL. B. 1900
1611 Williamson Building
Cleveland, Ohio

Born in Italy, March 17, 1879. Was married June 29, 1905. Attended the Ohio State University 1897-01, two years in College of Arts, and three years in College of Law, and was graduated in June 1900, with the degree, Bachelor of Laws. At present, practicing law at 1611 Williamson Building, Cleveland, Ohio. Member of Cleveland Chamber of Commerce and Cleveland Bar Association. House address, 2223 Murray Hill Road, Cleveland, Ohio.

Nieding, Frank Edward Mining Engineer
E. M. 1909.
San Toy Mining Co., Santa Eulalia, Chih, Mexico

Born in Vermillion, Ohio, November 1, 1884. Attended the Ohio State University, 1904-09, and was graduated in June 1909, with the degree, Engineer of Mines. At present, Assistant Engineer, San Toy Mining Company.

Niswonger, Ray Holly Entomologist
B. Sc. (Antioch College) 1909
M. A. 1911
Kentucky Experiment Station
Lexington, Kentucky

Born at Brookville, Ohio, October 8, 1884. Attended Antioch College four years and received the degree, Bachelor of Science, in 1909; attended Ohio State University, 1909-11, and was graduated in June 1911, with the degree, Master of Arts. Fellow, Department of Zoology and Entomology, Ohio State University, 1910-11. At present, Assistant Entomologist, Kentucky Experiment Station, Lexington, Ky. In June 1911, published an article on "Two species of Diptera of the Genus Drosophila," Ohio Naturalist.

Nold, Frederick B. Mining Engineer
E. M. 1905
Republic Coke Works, Republic, Fayette County, Pennsylvania

Born at Columbiana, Ohio, October 8, 1882. Married Sara Polk Bowen, October 26, 1911. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Engineer of Mines. Assistant Engineer, U. S. Coal & Oil Co., Holden, W. Va., 1905-06; Assistant Engineer, Mexican Coal & Coke Co., 1906-07; Local Superintendent and Chief Engineer, Mexican Coal & Coke Company, 1907-12. At present, Superintendent, Republic Coke Works, Republic, Pa. Member of American Institute of Mining Engineers.

Nordholt, John B. Foundry, Steel Castings
M. E. 1908
The Dayton Steel Foundry, Dayton, Ohio

Born at Hamilton, Ohio, February 13, 1881. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Mechanical Engineer. At present, Secretary and Treasurer, The Dayton Steel Foundry Company.

Northrup, Harry Benedict Professor
E. M. 1911
Pennsylvania State College
State College, Pennsylvania

Born at Akron, Ohio, August 27, 1886. Attended the Ohio State University, 1905-11, and was graduated in June 1911, with the degree, Engineer of Mines. Worked in mines on the Goegebic Iron Range, Michigan, 1907-08; Assistant in Mine Engineering, Ohio State University, 1910-11. At present, Assistant Instructor in Metallurgy, Pennsylvania State College.

Norton, Mary Carolyn Teacher
Bellaire, Ohio

Born in Bellaire, Ohio, May 1, 1890. Attended the Ohio State University, 1908-10. Since 1911, Grade Teacher, Public Schools, Bellaire, Ohio.

Norton, Victor Clarence Civil Engineer
Water Works Department, Columbus, Ohio

Born at Southington, Trumbull County, Ohio, in 1870. Married Catherine Williamson in 1898. Attended Hiram College four years; attended Ohio Wesleyan University two years; attended Ohio State University, 1895-98, in the College of Engineering. Assistant Engineer, United States Leather Company, three years; Chief Engineer, Belington & Northern Railroad Company of West Virginia, five years; with Engineering Department, City of Columbus, Ohio, four years; Draftsman in Water Works Department, City of Columbus, Ohio, three years, which position he now holds. House address, 348 Fifteenth Avenue, Columbus, Ohio.

Nothstine, Arthur C. Chemist
B. Sc. in Chem. Engr. 1908
Bureau of Standards
Washington, D. C.

Born in Pickaway County, Ohio. Attended the Ohio State University, 1903-05 and 1906-08, and was graduated in June 1908, with the degree, Bachelor of Science in Chemical Engineering. Draftsman with the Virginia-Carolina Chemical Company, June to October, 1908. At present, First Assistant, Structural Materials Laboratory, Bureau of Standards, Washington, D. C. Member of American Chemical Society.

Nye, Ralph D. Sales Engineer
M. E. in E. E. 1903
1453 E. 85th Street, Cleveland, Ohio

Born in Zanesville, Ohio, in 1881. Married Meta Klie in 1908. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Mechanical Engineer in Electrical Engineering. Since graduation, with Westinghouse Electric Company in Engineering Instruction Course, Commercial Department, and at present, Salesman. Member of American Institute of Electrical Engineers, Engineering Society of Cleveland, Ohio, and Delta Tau Delta.

Oakes, George W. Mechanical Engineer
M. E. 1910
727 South Market Street, Kokomo, Indiana

Born at Little Hocking, Ohio. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Mechanical Engineer. Since graduation, has been with the Riverside Engine Company; Struthers-Wells Gas Engine Company; De La Vergne Machine Company and Pittsburgh Plate Glass Company, Works No. 8, which position he now holds. Member of Alpha Sigma Phi.

Oberlin, Mary Lavinia Teacher
B. A. 1909
217 Center Street, Mankato, Minn.

Born at Massillon, Ohio. Attended the Ohio State University, 1901-04, in College of Agriculture and Domestic Science, and one year, 1908-09, in College of Arts, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher in High School, Greenville, Ohio, 1904-06; Teacher of Home Economics, Greenville, Ohio, 1906-08; Instructor in Domestic Science, Ohio State University, Summer Terms of 1906, 1907. At present, Supervisor of Home Economics, State Normal School, Mankato, Minnesota.

O'Brien, Charles Francis
B. Ph. 1903 Manager, Beta Theta Pi Club
1 Gramercy Park, New York City

Born at Urbana, Ohio, January 28, 1880. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Philosophy. Newspaper and trade journal reporter; Advertising Salesman. At present, Manager of Beta Theta Pi Club of New York City. Member of Beta Theta Pi.

Ogden, Ellsworth Price Ceramic Engineer
E. M. in Cer. Engr. 1905
Atlantic Terra Cotta Co., Tottenville, New York

Born in Columbus, Ohio, August 24, 1881. Married Maud A. McAlpine, October 5, 1910. Attended the Ohio State University, 1899-03, 1904-05, and was graduated in June 1905, with the degree, Engineer of Mines in Ceramic Engineering. Assistant Superintendent, Ohio Mining & Manufacturing Company, Shawnee, Ohio, 1905-08, engaged in the manufacture of front brick and in construction of modern brick plant; Superintendent, Murphysboro Paving Brick Company, Murphysboro, Illinois, 1908-09, designing and superintending the construction of the plant; Superintendent, Harris Brick Company, Zanesville, Ohio, 1909-10. At present, Factory Engineer, Atlantic Terra Cotta Company, Tottenville, New York. Among his publications are, "The Relation Between Composition of a Porcelain and its Toughness," 1906; "The Preparation of Clay for Dry Pressed Brick Manufacture, 1907. Member of American Ceramic Society.

Ogden, Lester Sales Agent
Cer. Engr. 1910
106 Price Street, Columbus, Ohio

Born in Huntington, Pennsylvania, May 15, 1884. Attended the Ohio State University Fall 1903, 1905-07, 1908-10, and was graduated in June 1910, with the degree, Ceramic Engineer. Traveling Engineer, Frick Pyrometer Company; Sales Agent, Adder Machine Company. At present, President and General Manager, The Central Ohio Equipment Company and Sales Agent, Wales Visible Adding Machine, Columbus, Ohio.

Oglesby, Nicholas Perkins Physician
M. D. (Starling Medical College) 1904
72 Parsons Avenue, Columbus, Ohio

Born at Wytheville, Virginia, September 2, 1874. Married Mary Fulton Hunt, May 1, 1907. Attended William and Mary College, 1894-95; attended Ohio State University, 1896 to April 1898, and April to June 1900; attended Starling Medical College, 1901-04, and was graduated in 1904 with the degree, Doctor of Medicine. At present, Practicing Medicine in Columbus, Ohio. Member of Columbus Academy of Medicine, Ohio State Medical Association, American Medical Association, Association of N. & W. R. R. Surgeons, Sons of American Revolution, National Geographic Society, Kappa Sigma, Theta Nu Epsilon and Alpha Mu Pi Omega.

O'Kane, Walter Collins Entomologist
B. A. 1897 M. A. 1909
New Hampshire College
Durham, New Hampshire

Born in Columbus, Ohio, November 10, 1877. Married Clifford Hetherington, December 30, 1902. Attended the Ohio State University, 1893-97 and 1907-09, and was graduated in June 1897, with the degree, Bachelor of Arts, and in June 1909, with the degree, Master of Arts. At present, Entomologist to New Hampshire Experiment Station, Professor of Economic Entomology, New Hampshire College and State Moth Agent of New Hampshire. Editor of "Experiment Station News" in Country Life in America, and has written various scientific articles. Member of Association of Economic Entomologists, Entomological Society of America, of Sigma Xi and Beta Theta Pi.

Orndorff, Earl Luther Chemist
B. Sc. in Chem. Engr. 1903
Mariners' Harbor, Staten Island
New York

Born at Wauseon, Ohio, in 1880. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Science in Chemical Engineering. Since 1903, with The Proctor & Gamble Company.

Orr, Laura Corrinne
B. A. 1911
Wellsville, Ohio

Born at Congo, West Virginia, July 12, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts.

Ortega-Frier, Julio Student
B. A. and Sc. (Escuela de Bachilleres de Santo Domingo)
Calle "Duarte" No. 10, Santo Domingo
Republica Dominicana

Born at Santo Domingo, R. D., June 30, 1888. Attended Esculea de Bachilleres de Santo Domingo, 1900-03, 1909-10, and received the degree, Bachelor of Arts and Sciences; attended Ohio State University, 1905-07, and Fall of 1907; attended Instituto Professional de Santo Domingo, 1911 to the present time. Professor of Natural Sciences, Escuela Normal de Santo Domingo, 1908-09; Principal of the "Liceo Dominicano," 1910-11; Student of Law, Instituto Profesional de Santa Domingo. Among his published articles are, "Sobre Examenes Escritos," May 1909; "Un Conflicto Escolar," September 1911, and several short articles on school problems. Judicial Interpreter of Santo Domingo. Member of Asociacion de Profesores de Santo Domingo, Ateneo Dominicano, Asociatioan Atletica de Santo Domingo, Sociedad Juridica Dominicana. Twice President of the Asociacion Atletica de Santo Domingo. Permanent Secretary of the Sociedad Juridica Dominicana.

Orton, Samuel Torrey Pathologist
B. Sc. 1901
M. D. (University of Pennsylvania) 1905
M. A. (Harvard University) 1906
6 Dixon Avenue, Worcester, Mass.

Born in Columbus, Ohio, October 15, 1879. Married Mary Pelton Follett, October 15, 1909. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Science; attended University of Pennsylvania, 1901-05, receiving the degree, Doctor of Medicine, in 1905; attended Harvard University, Graduate School, 1905-06, receiving the degree, Master of Arts, in 1906. Second Assistant in Pathology, Boston City Hospital, 1905; First Assistant in Pathology, Boston City Hospital, 1906; Pathologist to the Columbus State Hospital, Columbus, Ohio, 1907; Pathologist to St. Ann's Hospital, Anaconda, Montana, 1908-09. Since 1910, Pathologist to the Worcester State Hospital, Worcester, Massachusetts, and Assistant in Neuropathology, Harvard Medical School. Member of American Medical Association, American Medico-psychological Association, Massachusetts Medical Society, New England Society of Pschiatry and Neurology, Chi Phi and Alpha Omega Alpha.

Orton, Edward Jr. Professor and Dean
E. M. 1884
Ohio State University, Columbus, Ohio

Born in Chester, New York, October 8, 1863. Married Mary Princess Anderson, October 30, 1888. Attended the Ohio State University, 1877-84, and was graduated in June 1884, with the degree, Engineer of Mines. Assistant on Ohio Geological Survey, 1882; Chemist for Columbus and Hocking Coal & Iron Company, 1885-86; Superintendent of Victoria Furnace, Goshen Bridge, Va., 1888; Steel Worker, Homestead Steel Works, Homestead, Pa., 1889; Superintendent, Ohio Paving Company's Factory, Columbus, Ohio, 1890-92; Special Assistant on Clays, Ohio Geological Survey, 1892; Superintendent Acme Vitrified Brick Company, Louisville, Ky., 1893; Secretary, American Ceramic Society, 1899; State Geologist of Ohio, 1899-06; Professor of Clayworking and Ceramics, Ohio State University, 1894-08; Dean of the College of Engineering and Professor of Ceramic Engineering, Ohio State University, 1902-06 and 1909 to the present time. Member of Phi Gamma Delta. Among his publications are: "The Clays of Ohio and the Industries Established Upon Them" (Report Geological Survey of Ohio, Vol.

V., pp. of 643-721, Columbus, Ohio); "The Influence of Various Modes of Sampling on the Analysis of Coal" (Ohio Institute Mining Engineers, Annual Rept., 1885); "The Clay Working Industry of Ohio" (Rept. Geol. Surv. Ohio, Vol. VII., Part 1, Economic Geology, pp. 69-254, 1893); "The Principles of Manufacture of Paving Brick," 20 articles (The Clayworker, Indianapolis, Indiana, beginning November 1893, and running 20 months); Report of the Commission on "Paving Brick Tests" (105 pp. The Nat. Brick Mfrs. Asso., Indianapolis, Ind., 1897); "The Role Played by Iron in the Burning of Clays" (Trans. Am. Cer. Soc., Vol. V., p. 377, Columbus, Ohio, 1903); "The Formation of Dark Cores or Discolorations in the Interior of Clay Wares" (Eighteenth Ann. Rept. of Nat. Brick Mftrs. Assoc., pp. 88-102, Indianapolis, Ind., 1904); "The Rattler Test for Paving Brick as a Safe Method of Disclosing the Limits of Permissible Absorption" (Proc. Am. Soc. for Test. Mat. Vol. V., pp. 287-303, Philadelphia, Pa., 1905); "The Composition, Physical Character and Uses of the Limestones of Ohio, with Special Reference to Cement Manufacture." Considered by Counties (Chapter III). (Bulletin 4, Series IV., Geol. Surv. of Ohio, Columbus, Ohio, 1906). Vols. I (1899) to VI. (1904) and VIII.-IX. (1906-07) Trans. Am. Cer. Soc. Editor (Columbus, Ohio); "Manual of Ceramic Calculations," with C. F. Binns and W. H. Zimmer, Committee (Trans. Am. Cer. Soc. Vol II., pp. 196-278. Also published separately, 86 pp. 8°, Columbus, Ohio, 1900); "On the Influence of Structure on the Wearing Power of Paving Brick," with A. V. Bleininger (107 pp. and 2 plates. First Annual Report Committee on Technical Investigation of the National Brick Manufacturers' Assoc., Indianapolis, Ind., 1899); "The Influence of Carbon in the Burning of Clay Wares." With C. H. Griffin. (Second Report of Committee on Technical Investigation, 68 pp. 8°, Indianapolis, Ind., 1905); "The Lime Resources of Ohio, Available for Portland Cement Manufacture." With S. V. Peppel. (Bull. 3, Series 4, Geol. Sur. of Ohio, pp. 88-97, Columbus, Ohio, 1904); "The Economic Classification, Occurrence and Extent of the Limestones of Ohio" (Chapter 1); "The Methods Employed in Sampling and Testing Limestones" Chapter 2); "The Composition, Physical Character and Uses of the Limestones of Ohio, with Special Reference to Cement Manufacture," Considered by Geological Formations. (Chapter 4). With S. V. Peppel. (Bull. 4, Series 4, Geol. Sur. of Ohio, Columbus, Ohio, 1906); "A Study of the Behavior of the Carbon Sulphur and Iron Occurring in Clays, during the Burning Period." With H. F. Staley. (Third Report of the Committee on Technical Investigation of the Nat. Brick Mftrs. Assoc. T. A. Randall, Indianapolis, Ind., 1906); "Test of Assay Crucibles, with notes on the Types of clays suited to their manufacture." With H. B. Henderson. (Trans. Am. Cer. Soc. Vol. X., pp. 484-525, 1908); "The Rattler Test for Paving Brick." With M. W. Blair (Proc. Am. Soc. for Test. Mat. Vol. XI., June, 1911).

Osborn, Samuel Galloway
Attorney and Judge of Police Court
LL. B. 1897
1396 Fair Avenue, Columbus, Ohio

Born in Columbus, Ohio, February 27, 1871. Married Marietta C. Cole, June 18, 1908. Attended the Ohio State University, 1889-90, preparatory, 1890-94, 1894-97, and was graduated in June 1897, with the degree, Bachelor of Laws. At present, Judge of Police Court, Columbus, Ohio. Member of Elks Lodge, Masons, Junia Lodge of Odd Fellows and Phi Delta Phi.

Osborn, Herbert Tirrill Entomologist
B. A. 1909
M. A. (University of Illinois) 1910
U. S. Bureau of Entomology
Murray, Utah

Born at Ames, Iowa, December 6, 1887. Attended the Ohio State University, 1905-

09, and was graduated in June 1909, with the degree, Bachelor of Arts; University of Illinois, 1909-10, and was graduated in June 1910, with the degree, Master of Arts. Since July 1, 1910, Agent and Expert, U. S. Bureau of Entomology.

Osburn, Raymond Carroll Professor
B. Sc. 1898 M. Sc. 1900
Ph. D. (Columbia University) 1906
Columbia University, New York City

Born near Newark, Ohio, January 4, 1872. Married Mary Hubbell, August 19, 1903. Attended the Ohio State University, 1894-98, and part of 1898-99, receiving the degree, Bachelor of Science, in June 1898, and the degree, Master of Science, in June 1900; attended Columbia University, 1902-03, and received the degree, Doctor of Philosophy, at Columbia University in 1906. Instructor at Starling Medical College, Columbus, Ohio, 1898-99; Professor of Biology, Fargo College, 1899-02; Fellow in Zoology, Columbia University, 1902-03; Teacher in New York High School of Commerce, 1903-07; Instructor in Zoology, Barnard College, Columbia University, 1907-10. Since 1910, Assistant Professor of Zoology, Barnard College, Columbia University, and Assistant Director, New York Aquarium. Has written numerous articles on zoological subjects. Fellow, American Association for the Advancement of Science, Fellow, New York Academy of Science, member, American Society of Naturalists, American Society of Zoologists, American Society of Entomologists, New York Entomologists' Society, Ohio Academy of Science and Sigma Xi.

O'Shaughnessy, Louis Professor
B. Sc. (Virginia Polytechnic Institute) 1903 C. E. (Virginia Polytechnic Institute) 1904 M. A. 1907 Ph. D. (University of Pennsylvania) 1911
University of Pennsylvania
Philadelphia, Pennsylvania

Born at South Solon, Madison County, Ohio, August 8, 1877. Married Ida Louise Surface, August 17, 1905. Attended Virginia Polytechnic Institute, 1900-04, and received the degree, Bachelor of Science, in 1903, and the degree, Civil Engineer, in 1904; attended Ohio State University, 1906-07, and was graduated in June 1907, with the degree, Master of Arts; attended University of Pennsylvania, 1907-11, and received the degree, Doctor of Philosophy, in 1911. Instructor in Civil Engineering, Virginia Polytechnic Institute, 1904-06. Since 1907, Instructor in Mathematics, University of Pennsylvania. Member of American Association for Advancement of Science, Mathematics Teachers of Middle States and Maryland, and of Sigma Xi and Phi Pi. House address, The Martland, 3607-9, Walnut Street, Philadelphia, Pa.

Ozias, Clifford Wheatley Civil Engineer
C. E. (Purdue University) 1906
High River, Alberta, Canada

Born at Lewisburg, Preble County, Ohio, March 30, 1880. Attended the Ohio State University, 1901-03, in the College of Engineering; attended Purdue University, La-Fayette, Indiana, two years, and received the degree, Civil Engineer, in 1906. In charge of location and construction in Wisconsin and South Dakota, for Chicago & Northwestern Railway, five years; Assistant Engineer, U. S. Reclamation Service, in charge levee work at closure of Colorado Break in 1907 by Southern Pacific Company. At present, Division Engineer, Irrigation Department, Canadian Pacific Railway in Alberta. Has published an article on "Levee Work on Lower Colorado River," Engineering News, May 16, 1907. Member of Western Society of Engineers of Chicago.

Page, Walter Sharp Attorney
B. A. (Yale University) 1900
LL. B. 1903
427 Chamber of Commerce
Columbus, Ohio

Born in Columbus, Ohio, November 11, 1878. Attended Yale University, 1896-00, receiving the degree, Bachelor of Arts,

in 1900; attended Ohio State University and was graduated in June 1903, with the degree, Bachelor of Laws. Attorney-at-Law, 427 Chamber of Commerce Building, Columbus, Ohio, since graduation. Member of Phi Delta Phi. House address, 935 East Broad Street, Columbus, Ohio.

Parkinson, George Edward High School
B. A. 1911 Principal
Box 332, Degraff, Ohio

Born in Columbus, Ohio, January 10, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Principal of High School at Degraff, Ohio.

Parks, Thaddeus Hedges Entomologist
B. Sc. Agr. 1909
U. S. Bureau of Entomology, Salt Lake City, Utah

Born in Ashville, Ohio, February 14, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Agriculture. Since April 1, 1909, Agent and Expert, Bureau of Entomology, U. S. Department of Agriculture. Has written an article on "Chinch-bug Investigations West of the Mississippi River) (U. S. Dept. Agr. Bureau of Entomology, Bull. 95, Part 3, Dec. 1911) (Co-author). Member of National Geographic Society and Entomological Society of Washington.

Parmenter, William Watts Teacher
B. A. 1900
Steubenville, Ohio

Born at Mt. Vernon, Ohio, July 7, 1879. Married Helen Porter, June 21, 1910. Attended the Ohio State University, 1896-00, and was graduated in June 1900, with the degree, Bachelor of Arts; attended University of Chicago, 1906. Superintendent of Schools, Jackson Center, Ohio, 1901-02; Instructor in Physics, Oskaloosa, Iowa, High School, 1902-04. Since 1904, Instructor in Physics, High School, Steubenville, Ohio. Member of Knights of Pythias and Woodmen of the World.

Parrett, Benjamin Creamer Real Estate
B. Sc. Chem. 1902
Ende & Parrett, 839 Schofield Building, Cleveland, Ohio

Born in Fayette County, Ohio, in 1879. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Science in Chemistry. For five years was an Iron and Steel Chemist; Assistant Superintendent of Blast Furnace, four years. At present, Real Estate Broker, firm of Ende & Parrett, Cleveland, Ohio.

Parsons, Charles Harvey
M. E. 1907 Mechanical Engineer
Corner Van Vranken Avenue and Nott Street, Schenectady, New York

Born at Rootstown, Ohio, January 9, 1884. Married Edna Case, March 9, 1910. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer. At present in the Engineering Department of the American Locomotive Co., Schenectady, New York.

Paterson, Alma Wacker
(Mrs. Robert G. Paterson)
B. A. 1904
91 Deshler Avenue, Columbus, Ohio

Born in Columbus, Ohio. Married Robert Gildersleeve Paterson in 1911. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts.

Paterson, Robert Gildersleeve
Secretary Ohio Society for Prevention of Tuberculosis
B. A. 1905 M. A. (Columbia University) 1907 Ph. D. (University of Pennsylvania) 1909
20 East Gay Street, The Ruggery Bldg., Columbus, Ohio

Born in Columbus, Ohio, September 18, 1882. Married Alma H. Wacker, June 11, 1910. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts;

attended New York School of Philanthropy, 1905-07, and received a Certificate in 1906; attended Columbia University, 1906-07, receiving the degree, Master of Arts, in 1907; attended University of Pennsylvania, 1907-09, receiving the degree, Doctor of Philosophy, in 1909. Secretary, Associated Charities, New Rochelle, New York, 1905-06; Fellow, New York School of Philanthropy, 1906-07; Harrison Fellow in Sociology, University of Pennsylvania, 1907-09; General Secretary, Bureau of Associated Charities, Orange, New Jersey, 1909-11. At present, Executive Secretary, Ohio Society for the Prevention of Tuberculosis, Room 25, Ruggery Building, Columbus, Ohio. Member of Alumni Association New York School of Philanthropy, Columbus School Extension Society, National Conference of Charities and Correction, Ohio Conference of Charities and Correction and of Delta Tau Delta and Phi Eta

Patterson, Fred D. (Colored) Manufacturer, Carriages
C. R. Patterson & Sons, Greenfield, Ohio

Born at Greenfield, Ohio, in 1871. Married in 1901. Attended the Ohio State University, 1889-92. Instructor in Louisville, Kentucky, High School, four and a half years. At present, General Manager of firm, C. R. Patterson & Sons, carriage makers, Greenfield, Ohio. Has held position of City Councilman. Member of Knights of Pythias and Masonic Lodge.

Payne, Halbert Edwin Manufacturer
M. E. 1887
President, American Typewriter Co.
265 Broadway, New York City

Born at Pittsfield, Pennsylvania, September 21, 1865. Married Grace Grosvenor Wright, October 28, 1896. Attended Washington University, St. Louis, Mo., preparatory; attended Ohio State University, 1882-84, 1885-87, and was graduated in June 1887, with the degree, Mechanical Engineer. Assisted G. W. N. Yost in designing and perfecting Yost Typewriter, 1887-91; in charge of construction of first 5000 machines. Protected the patents and introduced typewriter in England, France, Belgium, Germany, Bohemia, Austria, Italy and Spain, 1891-92; Established Agencies in principal cities of United States in 1893; organized the American Typewriter Company of New York and Treasurer of same, 1893-94; elected President and General Manager, 1894; Invented and perfected principal features American Typewriter, 1895-00; Inventions and Improvements in typewriters, 1900-12. At present, President of American Typewriter Company. Member of Ohio Society of New York, Ohio State University Association of New York, New York Alumni Phi Kappa Psi, Manager and Director Sunshine Mission, Director Postal Life Insurance Company, member of Phi Kappa Psi. President Ohio State Association of New York, 1903-05; Ohio State University Delegate to Inauguration of Chancellor Brown of New York University, Member of Board of Visitors, Ohio State University, Chairman Committee of First Patriarchs' Reunion, 1911.

Peal, Allen Saunders (Colored) Professor
B. A. 1895
Western University
Kansas City, Kansas

Born at Cleveland, Ohio, in 1874. Was married in 1907. Attended Ohio State University, 1889-95, and was graduated in June 1895, with the degree, Bachelor of Arts. Principal, Red River Normal, Texas, 1898; U. S. Volunteer Army Commissioned Lieutenant, 1899; Deputy Auditor, Franklin County, Columbus, Ohio, 1901; Principal, Public Schools, Tulsa, Oklahoma, 1908; Postmaster, Clarksville, Oklahoma, 1910; at present, Commandant, Western University, Kansas City, Kansas. Has written an article on "School Gardens," 1911. Member of Masonic Order.

Pearl, Allen Sexton Manufacturer
M. E. in E. E. 1894
Delta Star Electric Co., Chicago, Ill.

Born in Berlin Township, Erie County, Ohio, February 28, 1870. Married Joanna Greer Hill, June 24, 1899. Attended the Ohio State University, 1889-94, one year preparatory, and was graduated in June 1894, with the degree, Mechanical Engineer in Electrical Engineering. At present, Secretary-Treasurer, Delta Star Electric Company, Chicago, Ill., manufacturing Electrical High Tension Specialties, Shop Lighting Electrical Fixtures and Automobile Specialties. Member of Illuminating Engineering Society, Western Society of Engineers, Electric Club, Car Lighting Club, Pullman Club and Sigma Alpha Epsilon. House address, 1516 South Sixth Avenue, Maywood, Illinois.

Pence, Forrest Kizer Ceramic Engineer
B. Sc. (Ohio Northern University) 1902
B. A. 1907 Cer. Engr. 1909
American Encaustic Tiling Company
Zanesville, Ohio

Born in Shelby County, Ohio. Attended Ohio Northern University and was graduated in 1902, with the degree, Bachelor of Science; attended Ohio State University, 1904-07, in College of Arts, and received the degree, Bachelor of Arts in 1907; 1907-09, in College of Engineering, and received the degree, Ceramic Engineer, in June 1909. Since July 1909, Ceramic Engineer for American Encaustic Tiling Company, Zanesville, Ohio. Member American Ceramic Society, American Chemical Society, Sigma Xi. House address, 1325 Ashland Avenue, Zanesville, Ohio.

Pence, William David Attorney
Tiffin, Ohio

Born in Sandusky County, Ohio, September 13, 1867. Married Laura E. Hoover, December 25, 1894. Attended Ohio Northern University, Ada, Ohio, 1887-88, 1891-92; attended Otterbein University, 1890; attended Ohio State University, 1898-01, and received a Certificate in Law in June 1901. Practicing Law since 1901 in Tiffin, Ohio.

Penn, Ralph Roger Farmer
M. E. in E. E. 1908
Washington C. H., Ohio

Born in Washington C. H., Ohio. Was married October 20, 1909. Attended the Ohio State University and was graduated in June 1908, with the degree, Mechanical Engineer in Electrical Engineering. With The Midland National Bank, Washington C. H., Ohio, and managing a farm of 600 acres. Member of Acacia.

Perfler, Arthur J. Attorney
LL. B. 1910
The Pyrene Co., Dayton, Ohio

Born in Boston, Massachusetts, January 30, 1887. Attended the Ohio State University, 1903-05, in the College of Arts, and 1907-10, in College of Law, and was graduated in June 1910, with the degree, Bachelor of Laws. At present, Manager, Surety and Liability Department, The Pyrene Company, Dayton, Ohio. Member of Masonic Lodge and Delta Chi.

Perry, Elma
(See Elma Perry Foulk)

Peters, William Lincoln Mayor
M. E. 1885
908 Tenth St., Riverside, California

Born in Columbus, Ohio, October 3, 1864. Married Cora B. Van Aernam, October 12, 1886. Attended the Ohio State University, 1878-85, and was graduated in June 1885, with the degree, Mechanical Engineer. Engaged in mercantile and manufacturing business (carriages), 1886-02; Horticulturist since 1900. Since January 1912, Mayor of City of Riverside, California. City Trustee, Riverside, California, 1898-02; Trustee Public Library, 1902-07; Member Board of Charter Freeholders, 1906-07; Member Board of City Accounting, 1907-10; Member Board of Public Utilities, 1907-10; Member of National

Municipal League, American Political Science Association, American Automobile Association, Automobile Club of Southern California, Ocean to Ocean Highway Association, Riverside Chamber of Commerce and Phi Kappa Psi.

Peterson, John William Draftsman
C. E. in Arch. 1903
Canton Plant American Bridge Co., Canton, Ohio

Born in Port Clinton, Ohio, March 25, 1879. Married Mabel E. Shields, May 17, 1905. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Civil Engineer in Architecture. Draftsman, Chief Engineer's Office, Pennsylvania Lines, Pittsburgh, Pa., 1903-04; Draftsman, American Bridge Company, Ambridge, Pa., 1904-06; Draftsman, McClintick-Marshall Construction Company, Pittsburgh, Pa., 1906-07; Draftsman, American Bridge Company, Canton, Ohio, 1907-11. At present, Chief Draftsman, Canton Plant of The American Bridge Company. Member of Sigma Xi. House address, 2606 West Tuscarawas Street, Canton, Ohio.

Peterson, Niels Mortensen, Jr.
B. A. 1905
38 15th Avenue, Columbus, Ohio

Born in St. Louis, Missouri, August 11, 1881. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts. Chief Chemist, Columbus & Zanesville Works, Carnegie Steel Company, 1905-06; Draughtsman, Mingo Works, Carnegie Steel Company, Mingo Junction, Ohio, 1906-07; Newswriter, Daily Gazette, Steubenville, Ohio, 1907-08; Newswriter, Columbus News, Columbus, Ohio, 1909; Assistant Secretary, Columbus Blank Book Manufacturing Company, 1910-11. Member of Delta Tau Delta.

Petry, Bertha
(See Bertha Petry Jeffers)

Pettiford, Oscar Collens Veterinarian
LL. B. (Ohio Northern University) 1908
436 S. M. St. Crider, Lima, Ohio

Born in Van Wert County, Ohio, January 17, 1881. Married in April 1905. Attended Wauseon Normal School; attended Ontario University; attended Ohio State University, 1899-02, and received a Certificate in Veterinary Surgery in June 1902; attended Ohio Northern University, Law College, and received the degree, Bachelor of Laws, in 1908. Practitioner in Veterinary Surgery and Demonstrator, at the present time. Member of Masonic Order.

Pettit, Claude Wescott Teacher
B. A. 1911
336 East Main Street, Logan, Ohio

Born at Lancaster, Ohio, April 11, 1891. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Assistant Principal of High School, Logan, Ohio. Member of Ohio National Guard, and Delta Tau Delta.

Pettit, James Myron
Contractor, Sheet Metal Work
Myron Pettit & Company
Youngstown, Ohio

Born at Youngstown, Ohio, August 18, 1879. Married Jess Ethel Lynch, October 14, 1907. Attended the Ohio State University, 1900-02, in the College of Engineering. Transitman with Baltimore & Ohio R. R., 1902 to 1905; Resident Engineer, Big Four Ry. Co., 1905-07; Manager, Myron Pettit & Company, Youngstown, Ohio, sheet metal work and heating contractors. Member of Young Men's Christian Association, Odd Fellows, and Sigma Nu. House address, 248 East Boardman Street, Youngstown, Ohio.

Pew, William Harper Professor
B. Sc. Agr. (Iowa State College) 1907
Iowa State College, Ames, Iowa

Born at Dodgeville, Ashtabula County, Ohio, October 31, 1883. Married Nellie

Florentina Whitehead, June 8, 1910. Attended the Ohio State University, 1901-05; attended Iowa State College, 1905-07, and was graduated in 1907, with the degree, Bachelor of Science in Agriculture. Assistant Professor of Agriculture, New Hampshire College, 1907-08; Associate Professor of Animal Husbandry, ibid., 1908-09; Assistant Professor of Animal Husbandry, Iowa State College, 1909-10. Since 1910, Associate Professor of Animal Husbandry, Iowa State College. Registrar of Graduate School of Agriculture held at Iowa State College, 1910. Member of American Breeders' Association, Delta Upsilon, and Alpha Zeta.

Pflueger, Otto W. Professor
B. Sc. For. 1911
Ohio State University, Columbus, Ohio

Born at Carey, Ohio, September 24, 1886. Attended Antioch College, summer term of 1907; attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Forestry. Field Assistant, U. S. Forest Service, summer of 1911; at present, Instructor in Forestry, Ohio State University, Columbus, Ohio.

Phelps, Cyrus Alba Mining Engineer
B. Sc. 1892
1365 Highland St., Columbus, Ohio

Born in Rock County, Wisconsin, February 2, 1871. Attended the Ohio State University, 1888-92, and was graduated in June 1892, with the degree, Bachelor of Science. Assayer with Pueblo Smelting & Refining Company, Pueblo, Colorado, 1892-94; Assayer, Sombrerete Mining Company, Sombrerete, Mexico, April to August 1894; Assayer and Chemist, Gualterio C. Palmer's Ore Buying Business, Zacatecas, Mexico, September 1894 to February 1895; in charge of Mr. Palmer's Sombrerete Agency, February 1895 to March 1899; since March 1899, various positions with mining companies in which he is an interested stockholder. At present, Secretary and Treasurer, Hess-Farris Mineral Exploration Company. Appointed in 1897, Engineer for Mexican Government to report on cause of fire in the Sombrerete Mining Company's Mines, which report was submitted in April 1898.

Phillips, Lydia Ann Librarian
B. A. 1905 B. L. S. (University of Illinois) 1908
Public School Library, Columbus, Ohio

Born in Columbus, Ohio, in 1883. Attended the Ohio State University, 1900-05, and was graduated in June 1905, with the degree, Bachelor of Arts; attended Illinois State University, two years, and received the degree, Bachelor of Library Science, in 1908. Librarian in the Soho Settlement House, Carnegie Library Branch, Pittsburgh, Pa., 1907. Since June 1908, Reference Librarian, Public School Library, Columbus, Ohio. House address, 175 Lexington Avenue, Columbus, Ohio.

Phillips, Thomas David Professor
B. Sc. Agr. 1910
Ohio State University, Columbus, Ohio

Born at Prospect, Ohio, July 5, 1884. Attended Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Agriculture. Assistant in Rural Economics, Ohio State University, 1910-11; since 1911, Instructor in Rural Economics, Ohio State University.

Pierce, George Harold Veterinarian
D. V. M. 1909
239 E. State Street, Columbus, Ohio

Born at Brunswick, Missouri, November 19, 1883. Attended University of Wooster one year; attended the Ohio State University, 1906-09, and was graduated in June 1909, with the degree, Doctor of Veterinary Medicine. Field Veterinarian, State Board of Live Stock Commissioners of Ohio, July 1, 1909 to Febrauary 1, 1911. Since February 1, 1911, Assistant State Veterinarian for Ohio.

Pike, George Walter Pharmacist
358 Wooster Avenue, Akron, Ohio

Born at Lisbon, Ohio, September 20, 1887. Attended the Ohio State University, 1906-07, 1908-09, and received a Certificate in Pharmacy in June 1909. At present, Pharmacist with Lemasters & Sigler, Akron, Ohio. President of Akron Drug Clerks Association and a member of Phi Delta Chi.

Piper, Albert B. Manufacturer
Electrical Department
Cadillac Motor Car Company
Detroit, Michigan

Born at Xenia, Ohio, February 7, 1883. Attended the Ohio State University, 1904-06. In Testing Department, Westinghouse Electric & Manufacturing Company, about four years; Assistant Superintendent, Detroit Insulated Wire Company, three years; Assistant Foreman, Mill Department, Morgan & Wright Rubber Company. At present in Electrical Department, Cadillac Motor Car Company, Detroit, Michigan. Member of Detroit Engineering Society, and of Delta Tau Delta.

Pitkin, Ruby Louese
(See Ruby Pitkin Elser)

Pleukharp, Irvin Hiram Manufacturer
Brass and Bronze Castings
Atlas Brass Foundry Company
991 S. Front St., Columbus, Ohio

Born in Columbus, Ohio, October 21, 1880. Was married June 18, 1902. Attended the Ohio State University as a special student, 1899-02. In Drawing Room of Case Manufacturing Co., Columbus, Ohio, summer of 1902; Buckeye Steel Castings Company, two and one-half years and in charge of the drawing room one year; at present, Manager, Atlas Brass Foundry Company, Columbus, Ohio. Member of Masonic Order. House address, 1079 S. Bruck Street, Columbus, Ohio.

Plueddemann, Paul Washington Clergyman
B. A. 1904 B. D. (Nast Theological Seminary) 1907
Route No. 1, Clarington, Ohio

Born at Detroit, Michigan, June 26, 1883. Married Lillie E. Gohlke, of Berea, Ohio, October 19, 1910. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Arts; attended Nast Theological Seminary, Berea, Ohio, 1904-07, and received the degree, Bachelor of Divinity, in 1907. Joined Central German Conference of the Methodist Episcopal Church in September 1907, and was assigned to Monroefield Circuit with residence at New Matamoras, Ohio, and with five widely scattered preaching appointments in Washington and Monroe Counties; was ordained Deacon of the Methodist Episcopal Church in September 1909, and was assigned to Clarington Circuit, Ohio, with two pleasant and closely contiguous preaching places, which position he now holds. Ordained Elder, and thereby made a minister of the Methodist Episcopal Church, September 1911.

Plum, Harley M. Teacher
B. A. 1902 M. A. 1909
1884 E. 79th St., Cleveland, Ohio

Born at Ashville, Ohio. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Arts; received the degree, Master of Arts, in June 1909; attended University of Chicago. Teacher of Chemistry, High School, Colorado Springs, Colorado, 1902-07; Teacher of Chemistry, Central High School, Columbus, Ohio, 1907-10. Since 1910, Teacher of Chemistry, Technical High School, Cleveland, Ohio. Member of American Chemical Society, and Sigma Xi.

Pocock, Carrie
(See Carrie Pocock Ward)

Pocock, Paul Curtis Mechanical Engineer
M. E. 1906
Hydraulic Press Manufacturing Co.
39 Courtlandt St., New York City

Born at Waverly, Kansas, September 23, 1882. Attended the Ohio State University, 1901-02, 1903-06, and was graduated in June 1906, with the degree, Mechanical Engineer. With Platt Iron Works Company, Dayton, Ohio, 1899-01; with Elah Terrell, Inventor, Columbus, Ohio, 1906-08; with The Hydraulic Press Manufacturing Company, Mt. Gilead, Ohio, as Sales Engineer, 1908-10; at present, Manager, New York Office, Hydraulic Press Mfg. Co., 39 Cortlandt Street, New York City. Member of Beta Theta Pi. House address, 1 Gramercy Park, New York City.

Pohlman, Irwin Henry Draftsman
M. E. 1911
Park Drop Forge Company
Cleveland, Ohio

Born at New Bremen, Ohio, December 26, 1884. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer. Draftsman, Marion Steam Shovel Company, Marion, Ohio, June 21, 1911 to September 30, 1911; since October 2, 1911, Draftsman, Park Drop Forge Company, Cleveland, Ohio. Member of Knights of Pythias.

Poindexter, Charles Cardoza (colored)
B. Sc. Agr. 1903 Professor
Fisk University, Nashville, Tennessee

Born at Pennsboro, West Virginia, March 10, 1880. Married Helen Florence Newton, March 31, 1906. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Science in Agriculture; attended Cornell University, 1905-07, as graduate student. Private Secretary to Thomas F. Hunt, Cornell University, 1903-04, 1905-07; Director of Agriculture, Institute for Colored Youth, Cheyney, Pa., 1904-05; Director of Agriculture, American Church Institute for Negroes, office at St. Paul's School, Lawrenceville, Virginia, 1907-09; since 1909, Professor of Agronomy and Biology, Fisk University, Nashville, Tenn. Member of National Educational Association.

Polk, Walter Charles Telephone Engineer
C. E. 1895
Home Telephone Company
Kansas City, Missouri

Born at New Vienna, Ohio, in 1869. Married Eva A. Pardy, in 1897. Attended the Ohio State University, 1887-90, and Fall Term of 1890; Winter and Spring of 1894, and year 1894-95, and was graduated in June 1895, with the degree, Civil Engineer. Assistant Engineer, Columbus, Sandusky and Hocking R. R., irregular periods previous to 1895; Assistant to Superintendent of Construction, Central Union Telephone Company, 1895-00; Chief Engineer, Central Telephone Construction Company, 1900-07; Consulting Engineer, Telephone Construction and Operation, 1907-09. Since 1909, Chief Engineer and General Superintendent, Kansas City Home Telephone Company. Has written occasional articles for trade papers and for the Telephone Journal, on Telephony. Member of Phi Gamma Delta.

Pollock, James Arthur Teacher
B. A. 1908
2340 Detroit Avenue, Toledo, Ohio

Born in Providence Township, Lucas County, Ohio, October 9, 1876. Married Hazel L. Orr, August 9, 1911. Attended the Ohio State University, 1896-97, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Attended University of Chicago, one year, in graduate school. Teacher in Public Schools of Providence Township, 1893-94, 1895-96, 1897-00; Superintendent, Sylvania Public Schools, Sylvania, Ohio, 1901-06; Teacher of Mathematics, Central High School, Toledo, Ohio, 1908-12; Member of Board of School Examiners, Lucas County, Ohio,

1891-10, 1911-14. At present, Teacher of Mathematics, Central High School, Toledo, Ohio. Scottish Rite, 32d Degree Mason, and Knight Templar.

Pomerene, Frank E. Attorney
B. Ph. 1891 LL. B. 1895
Coshocton, Ohio

Born in Coshocton, Ohio, March 25, 1868. Married Mary E. Wilson, June 25, 1896. Attended the Ohio State University, 1887-91, 1894-95, receiving the degree, Bachelor of Philosophy, in June 1891, and the degree, Bachelor of Laws, in June 1895. Since June 1895, has been practicing Law in Coshocton, Ohio. Trustee of the Ohio State University, and member of Beta Theta Pi.

Porter, Clyde Carlton Attorney
B. Sc. (Heidelberg University) 1899
LL. B. 1903
106 Main Street, Tiffin, Ohio

Born in Chicago, Illinois, July 15, 1876. Married Luella Oberlin, August 12, 1903. Attended Heidelberg University, 1895-99, and was graduated in 1899, with the degree, Bachelor of Science; attended the Ohio State University, 1901-03, and was graduated in June 1903, with the degree, Bachelor of Laws. Has been practicing Law since leaving college. Member of Board of Review, City of Tiffin, Ohio, June 1907 to June 1911. At present, City Solicitor, Tiffin, Ohio. Member of Delta Upsilon and Delta Chi.

Potter, Carl Vernon Civil Engineer
C. E. 1909
P. C. C. & St. L. Ry. Co.
Richmond, Indiana

Born at Wapakoneta, Ohio, March 22, 1885. Attended the Ohio State University, 1903-07, 1908-09, and was graduated in June 1909, with the degree, Civil Engineer. With J. C. Ward, Engineer, Painesville, Ohio, one and a half years; with Pennsylvania Lines, August 1909 to the present time, and now Assistant on Engineering Corps, Richmond Division.

Potter, Francis Drake Banker
40 Wall Street, New York City

Born at Columbus, Ohio, May 25, 1876. Married Elizabeth Patterson Duff, November 11, 1905. Attended the Ohio State University, 1893-94, and fall of 1894. With the Hocking Valley Ry. Co., 1897; Railroad Editor, Press-Post, Columbus, Ohio, 1898; Manager, Lincoln Caswell Company, New York, 1904-05; admitted to firm, Lincoln & Company, Bankers, 1906. Since October 1907, partner in firm, Pouch & Company, bankers, and members of New York Stock Exchange. Spanish-American War, Corporal, in Company F, Fourth Ohio Vol. Infantry, assigned to Scout Duty, staff of Major General James H. Wilson during Porto Rican Campaign. Member of Ohio Society of New York, Ohio State University Association of New York, St. Nicholas Club, New York, Montclair Athletic Club, New Jersey, Sea Cliff Yacht Club, Long Island. House Address, 24 Wildwood Terrace, Glenridge, New Jersey.

Potter, George Merritt
D. V. M. 1906
U. S. Department of Agriculture, Bureau of Animal Industry, Division of Pathology, Washington, D. C.

Born at New Haven Connecticut, November 5, 1881. Attended New York American Veterinary College one year; attended the Ohio State University, 1904-06, and was graduated in June 1906, with the degree, Doctor of Veterinary Medicine. U. S. Veterinary Inspector, Cleveland, Ohio one winter; U. S. Veterinary Inspector, New York City, one year; engaged in Field Work in Tennessee, three years; Assistant in Pathology, Ohio State University, six months of 1910; in District of Columbia, one year, eradication of bovine tuberculosis. At present, Pathological lab-

oratories, U. S. Bureau of Animal Industry, Washington, D. C. Member of Masonic Order, Sons of American Revolution, National Geographic Society, American Veterinary Medical Association, American Breeders Association, and Acacia.

Potter, Katharine May Teacher
B. A. 1905
354 N. Detroit Street, Kenton, Ohio

Born at Athens, Ohio, in 1884. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts. Grade Teacher, Charleston, West Virginia, 1906-07; High School Teacher, Charleston, West Virginia, 1907-08; since 1908, Teacher of English Literature and History, Kenton, Ohio. Member of Pi Beta Phi and Phi Beta Kappa.

Poveleite, Henry Alfred (Smith)* Freight Agent
41 Ingalls Building, Cincinnati, Ohio

Born at Pittsburgh, Pa., April 1, 1875. Attended the Ohio State University, 1891-93, in the College of Engineering. Clerk in General Passenger Office, B. & O. S. W. R. R., St. Louis, Mo., 1894; Clerk in General Freight Office, Queen & Crescent Route, Cincinnati, Ohio, 1895; Assistant Chief Clerk in same office, November 1902; Chief Clerk, same office, November 1904; Assistant General Freight Agent, same office, May 1905. Since January 1, 1907, General Freight Agent, Queen and Crescent Route, Cincinnati, Ohio.

*Attended the University under name of Henry Poveleite Smith, adopting the name of Smith as a convenience.

Powell, Warren Thomson Professor
B. A. 1907 M. A. 1911
University of Minnesota
Minneapolis, Minnesota

Born at Delaware, Ohio, November 28. 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts; summer terms of 1909, 1910, 1911, and received the degree, Master of Arts, in June 1911. Instructor, Waseda University, Tokio, Japan, 1907-08; Instructor in High School, Rock Island, Ill., 1908-09; Instructor in preparatory department, Washington University, St. Louis, Mo., 1909-11. Since 1911, Instructor in English, University of Minnesota, Minneapolis, Minn. Member of Campus Club, University of Minnesota, Twin City Ohio State University Alumni Association, Delta Tau Delta.

Powers, Charles A, Manufacturer
The P. & U. Ad-Pencil Co.,
Genoa, Ohio.

Born at Genoa, Ohio, March 25, 1885. Married Nellie C. Myers, December 20, 1906. Attended Urbana University; attended the Ohio State University, one year and two terms, 1903-05. Since graduating has been Train Despatcher, T. P. C. & L. Ry., Clerk of Genoa School Board, 1910-12; Assistant Manager, The Powers Elevator Company, Genoa, Ohio. At present, Manager, The P. & U. Ad-Pencil Company, Genoa, Ohio. Mayor of Genoa, Ohio, 1908-10, and 1912-14. Member of Masonic Order, Odd Fellows, Sons of American Revolution, and Beta Gamma Phi.

Powers, Raymond C. Real Estate
302 14th Avenue West,
Calgary, Alberta, Canada.

Born at Urbana, Ohio, September 4, 1887. Attended the Ohio State University, 1907 to January 1910, fall term 1910 to January 1911. Since August 1911, with Hall Brothers, Real Estate Brokers, Calgary, Canada. Member of Beta Theta Pi.

Pranke, Edward John Chemist
B. Sc. in Chem. Engr. 1911
American Cyanamid Company
Stahlman Building, Nashville, Tenn.

Born at Detroit, Michigan, July 21, 1884. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Chemical Engineering. Since June 21,

1911, Technologist, American Cyanamid Company. Member of American Chemical Society, Sigma Xi and Phi Lambda Upsilon.

Price, Olive Edna Nurse
B. A. 1909
1212 Summit Ave., Lakewood, Ohio

Born at Norwalk, Ohio, February 3, 1888. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher in High School, Stanley, Wisconsin, 1909-10. At present, Nurse in training at Lakewood Hospital, Lakewood, Ohio. Member of Phi Beta Kappa.

Priest, Irwin G. Physicist
B. A. 1907
National Bureau of Standards
Washington, D. C.

Born in Holmes County, Ohio, January 27, 1886. Attended the Ohio State University, 1904-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Appointed Assistant in Physics, Ohio State University, June 1907, but resigned before serving; Laboratory Assistant, National Bureau of Standards, July 1907 to July 1908. Since July 1908, Assistant Physicist, National Bureau of Standards. Among his published articles are, "A New Method for Focal Length," 1909; "A Modified Method for the Determination of Relative Wave-Lengths," 1911; "An Extension of the Method of Kathode Disintegration for Making Metallic Mirrors," 1912, (now in preparation for the press); "The Wave-Lengths of Neon," 1912 (now in preparation for the press). Member of Philosophical Society of Washington, American Association for the Advancement of Science, and of Phi Beta Kappa and Sigma Xi. Secretary of the Ohio State University Association of Washington.

Pruner, Harry Paul Sales Agent
B. A. 1908
A. C. McClurg & Co., Chicago, Ill., or
9 W. Long St., Columbus, Ohio

Born in Union City, Ohio, March 13, 1884. Attended the Ohio State University, 1902-04, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Traveling Salesman, Washburn-Crosby Company, 1908-09. Since 1909, Traveling Salesman, A. C. McClurg & Company of Chicago, Ill. Member of United Commercial Travelers, and of Sigma Phi Epsilon.

Pryor, Charles F. Attorney
B. Sc. (Northern Indiana Normal School) 1894 LL. B. 1898
362 Linwood Avenue, Columbus, Ohio

Born in Belmont County, Ohio, November 4, 1875. Attended Northern Indiana Normal School, Valparaiso, Ind., 1893-94, and received the degree, Bachelor of Science, in 1894; attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Bachelor of Laws. At present, practicing Law in Columbus, Ohio. Member of the Ohio Club, and Franklin County Bar Association.

Pugh, Lawrence Randolph Attorney
B. Ph. 1893 LL. B. 1895
Pugh & Pugh, 44 W. Broad Street
Columbus, Ohio

Born in Middlebourne, West Virginia, July 1, 1872. Was Married February 14, 1900. Attended the Ohio State University, 1888-95, and was graduated in June 1893 with the degree, Bachelor of Philosophy, and in June 1895, with the degree, Bachelor of Laws. At present, practicing Law in Columbus, Ohio. Member of Knights of Pythias. House address, 1287 East Main Street, Columbus, Ohio.

Purdy, Ross C. Professor
Cer. Engr. 1908
Ohio State University, Columbus, Ohio (after July 1, 1912), Norton Company, Worcester, Massachusetts

Born in Jasper, New York, March 3,

1875. Married Myra J. Watts, June 23, 1901. Attended Syracuse University, 1895-96; attended the Ohio State University, 1896-99, 1907-08, and was graduated in June 1908, with the degree, Ceramic Engineer. National Brick Mfrs. Scholarship, 1898-99; Chemist and Assistant Superintendent Mosaic Tile Company, 1899-01; Chemist and Foreman, Glazing and Burning Departments, Roseville Pottery Company, 1901-02; Assistant in Ceramics, Ohio State University, 1902-05; Instructor in Ceramics, University of Illlinois, 1905-07; Assistant Professor of Clay-working and Ceramics, Ohio State University, 1907-08; Associate Professor Clay-working and Ceramics, Ohio State University, 1908-10; Professor of Ceramic Engineering, Ohio State University, 1911 to July 1, 1912; after July 1, 1912, Director of Research Department, Norton Company, Worcester, Massachusetts. Among his published articles are: "Stoneware Glazes" (Trans. Am. Cer. Soc., Vol. IV., 1902); "Further Studies on the White Bristol Glazes" (Trans. Am. Cer. Soc. Vol. V., 1903); "A Table for Quickly Obtaining the Silicia Content of Glazes, where the Total Oxygen Ratio and Alumina are Given." (Ibid Vol. VI., 1904); "Discussion of Constitution of Chrome-Tin Pink Stains," with data. Ibid. Vol. VI., 1904); "Limits of Variation in Body Composition" (Ibid. Vol. VII., pt. 1, 1905); "General Consideration of Floor Tile Bodies made from Clay" (Ibid. Vol. VII., pt. 1, 1905); "The Calculation of the Comparative Fineness of Ground Materials by Means of a Surface Factor" (Ibid. Vol. VII., pt. 3, 1905); "Ceramic Education in Illinois." (Ibid. Vol. VII., 1906); "Biography of Clays" (Proc. Nat. Brick Mfrs. Assoc., 1906); "Fritted Glazes: A Study of Variations of the Oxygen Ratio and the Silica-Boracic Acid Molecular Ratio." With H. B. Fox. (Trans. Am. Cer. So., Vol. IX., 1907); "The Pyro-Chemical and Physical Behavior of Clays." With J. K. Moore (Ibid. Vol. IX., 1907); "Crystaline Glazes: A Study of Variation in Composition, and Effect of Various Crystalizers." With J. F. Krehbiel (Ibid. Vol. IX. 1907); "Report of the Committee on Co-operation with Federal and State Geological Surveys" (Ibid. Vol. IX., 1907); Discussion: "Absorption Tests on Bricks," with data (Ibid. Vol. IX., 1907); "How Fast Can Clay Wares be Burned?" (Proc. Ill. Clay Workers Asso., 1907); Review: "Clays, Their Occurrence, Properties and Uses," by H. Ries (Economic Geology, Vol. II., No. 5, 1907); "Preliminary Investigation of Illinois Fire Clays," with F. W. DeWolf (Bull. 4, Ill. State Geol. Surv., 1907); "Pyro-Physical Behavior of Flint Fire Clays" (Am. Cer. Soc., Vol. X., 1908); "Method of Measuring Volume of Sealed Pores" (Ibid. Vol. XI., 1909); "A Study of Chromium-Tin Pinks," with Geo. H. Brown (Ibid. Vol. XI., 1909); "Discussion of Colloid Matter of Clays and Its Measurement" (Ibid. Vol. XI., 1909); "Extracts from Investigations Made by Students in the Department of Ceramic Engineering, Ohio State University" (Am. Cer. So. Vol. XII., 1910); "Fluxes and Fusions" (Trans. Am. Cer. Soc., Vol. XIII. 1911, 10 pages); "Range in Composition of Glazed White Ware Bodies Made from Clay, Feldspar and Flint" (Ibid. 11 pages); "Seger's Rules for Correction of Glaze Defects by Changing the Body" (Ibid. 53 pages); "Influence of Clay, Felspar and Flint on Coefficient of Expansion of Certain White Ware Mixtures," with Amos P. Potts (Ibid. 38 pages); "The Relative Solubility of Clay and Flint in Feldspar" (Ibid. 10 pages); "Porcelain Glazes" (Ibid. 35 pages); "Some Technical Studies in Drying Phenomena of Clays" (National Brick Mfrs. Assoc., 1911). Member of American Ceramic Society, National Brick Manufacturers Association, Sigma Xi and Psi Upsilon. President of American Ceramic Society, 1909-10; Secretary, Technical Investigation Committee, National Brick Manufacturers Association, since 1907; Ceramist, State Geological Survey of Illinois, 1905-07; President, Sigma Xi,

Ohio State University, 1911-12; Secretary Ohio State University Alumni Association, 1910-11.

Quigley, Frank Attorney
1028 Highland Street, Columbus, Ohio

Born at Youngstown, Ohio, July 15, 1886. Attended St. Charles' College, Ellicott City, Maryland, 1901-03; attended Ohio State University, 1911-12; Secretary, Ohio State University, 1909 to February 1911, in the College of Law; since 1911, in attendance at Georgetown University, Washington, D. C. Reporter, Youngstown Telegram, 1904-07; Reporter, Ohio State Journal, Columbus, Ohio, 1911; Reporter, Legislative (syndicate) 1908; Admitted to the Ohio Bar, December 1910. Chief Clerk, Ohio State Labor Commissioner, 1908; Correspondence Clerk. Ohio Supreme Court, 1909-11. Member of the Knights of Columbus, and Delta Chi.

Quinn, John Mining Engineer
Hontzdale, Pennsylvania

Born at Aairdrie, Scotland, July 1, 1858. Married Annie Shannon, September 19, 1899. Attended the Ohio State University, 1889-91, in the Short Course in Mining. Superintendent, Ashland Coal Company, 1893-96; Superintendent, Freeman-Wilson Coal Company, 1896-00; since 1891, Secretary and Treasurer, also General Manager, Quinn & Company, Inc., Hontzdale, Pa. Has written several articles on Mines and Minerals. Is now serving his second term as Councilman; was delegate to elect three Trustees to The Pennsylvania State College, 1910. Member of Engineers' Society of Pennsylvania.

Ralston, Wyatt E. Professor
D. V. M. 1904 B. A. (State College of Washington) 1910
Washington State College
Pullman, Washington

Born in Findlay, Ohio, July 10, 1877. Married Grace Verea Tarbutton, July 10, 1906. Attended Ohio Northern University 1900-01; attended the Ohio State University, 1902-04, and was graduated in June 1904, with the degree, Doctor of Veterinary Medicine; attended State College of Washington, 1909-10, and was graduated in 1910, with the degree, Bachelor of Arts. Assistant State Veterinarian of Washington, since 1906; with State College of Washington since graduation, and at present Professor of Physiology and Bacteriology of that institution. Member of American Veterinary Medical Association, American School Hygiene Association, and Washington State Veterinary Medical Association.

Ramsey, Eloise Teacher
B. A. 1907
1307 Egan Avenue
Madison, South Dakota

Born at Woonsocket, South Dakota, January 4, 1886. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. With Madison State Normal School since graduation, and at present Instructor in English and History in that Institution, Madison, South Dakota. Co-author of "Study Outlines for Clubs," 1908.

Randall, Emilius Oviatt Attorney
Ph. B. (Cornell University) 1874
LL. B. 1892 LL. M. 1892
257 Woodland Ave., Columbus, Ohio

Born in Richfield, Ohio, October 28, 1850. Married Mary A. Coy, October 28, 1874. Attended Cornell University, 1870-74, and was graduated in 1874, with the degree, Bachelor of Philosophy; attended the Ohio State University, 1891-92, and received the degrees, Bachelor of Laws and Master of Laws, in June 1892. Admitted to the bar by Supreme Court of Ohio, 1892. Professor and lecturer in law, Ohio State University, 1894-09. Official reporter for the Supreme Court since 1895. Edited and published thirty-three volumes of decisions of the Court. Editor "The Negotiable Instruments of Law of Ohio." Trustee, Ohio State Archaeological and Historical Society, and Secretary since 1893. Edited and published twenty volumes of the Society's historical works. Editor Society's Quarterly, Associate Editor

"Bench and Bar of Ohio," 1897. Author "History of the Zoar Society." "History of Serpent Mound," and many monographs on literary and historical subjects. President Columbus Board of Trade, 1887. Member Columbus Board of Education, 1888-91. Trustee Columbus Public Library since 1885. Member American Historical Association, Firelands Historical Society, Rufus Putnam Memorial Association, National Society of American Authors, American Bar Association, American Library Association, Society of the Sons of the American Revolution (President, State Society, 1901), Ohio State Bar Association, Ohio State Library Association (Vice President, 1900). Co-author with D. J. Ryan, "History of Ohio," in five volumes, which are now in press. The work is being issued by the Century History Company of New York City. Member of Delta Kappa Epsilon and Phi Delta Phi. Practicing Law in Columbus, Ohio, at present time.

Rane, Frank William State Forester
B. Sc. Agr. 1891
M. Sc. Agr. (Cornell University) 1892
6 Beacon Street, Boston, Mass.

Born at Whitmore Lake, Michigan, December 11, 1868. Married Elizabeth Bailey September 6, 1893. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Bachelor of Science in Agriculture; attended Cornell University, 1891-92, and received the degree, Master of Science in Agriculture, in 1892. Professor, West Virginia University, September 1892 to September 1895; Professor, New Hampshire College, 1895 to 1906; since 1906, State Forester of Massachusetts. Has written numerous bulletins and articles on Forestry, Horticulture and Agricultural subjects, published in Experiment Station and scientific organization publications. Chairman, Massachusetts Conservation Commission; Secretary, West Virginia State Horticultural Society; Vice President, National Irrigation Congress. Fellow, American Association for the Advancement of Science, Society for the Promotion of Agricultural Science, American Forestry Association, American Association of Economic Entomologists, Masonic Order, Patrons of Husbandry, Appalachian Club, Boston City Club, Phi Delta Theta and Alpha Zeta. Member of Board of Visitors of Ohio State University.

Rarey, Ernest G. Book-keeper
Groveport, Ohio

Born at Groveport, Ohio, July 30, 1886. Attended the Ohio State University, 1905-06, and fall term of 1906, in College of Engineering. With Sun Manufacturing Company, as book-keeper, which position he now holds. Member of Masonic Order.

Rarey, Ralph Forrest Attorney
Wyandotte Building, Columbus, Ohio

Born at Groveport, Ohio, June 24, 1884. Married Emily Daugherty, October 12, 1908. Attended the Ohio State University, 1901-04, in the College of Arts; 1904-07, in the College of Law, and received a Certificate in Law in June 1907. Since June 1907, practicing Law in Columbus, Ohio. Member of Sigma Nu, Phi Delta Phi, and Theta Nu Epsilon. House address, 35 Franklin Park West, Columbus, Ohio.

Rarick, Murray Mechling Physician
B. Sc. Agr. 1896 M. D. (Starling Medical College) 1898
Thornville, Ohio

Born at Glenford, Ohio, June 19, 1873. Married Mabel Brownfield Crowe, December 24, 1902. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Science in Agriculture; attended Starling Medical College, and received the degree, Doctor of Medicine, in 1898. Practiced Medicine at Jacksontown, Ohio, 1898-05; Medical and Surgical Interne, Williamsburg Hospital, Brooklyn, New York, February 1905 to June 1906; Examiner, Brooklyn, New York, Children Society, June 1 to September 1, 1906; at present, Practicing Medicine and Surgery at Thorn-

ville, Ohio. Member of Odd Fellows, and Knights of Pythias.

Rasor, Samuel Eugene Professor
B. Sc. 1898 M. A. 1902
M. Sc. (University of Chicago) 1906
Ohio State University, Columbus, Ohio

Born at Clayton, Ohio, February 21, 1873. Married Vinnie Adams, June 10, 1903. Attended the Ohio State University, 1895-98, and was graduated in June 1898, with the degree, Bachelor of Science; received the degree, Master of Arts, in June 1902; attended University of Chicago four terms, and received the degree, Master of Science, in 1906; attended University of Berlin, 1910-11. Fellow in Mathematics, Ohio State University, 1898-99; Professor of Mathematics, Amity College, Iowa, 1899-00; Instructor and Assistant Professor of Mathematics, Ohio State University, 1900-08. Since 1908, Associate Professor of Mathematics, Ohio State University. Has contributed an article to Annals of Mathematics, January 1910, and has written Translation of Burkhardt's "Einfurrung in Funktionentheone," (in press). Member of Sigma Xi.

Rawson, Genevieve Gray
(Mrs. Levi Rawson)
B. Ph. 1898
1810 North Fourth Street
Wheeling, West Virginia

Born at Circleville, Ohio, February 15, 1879. Married Levi Rawson, December 16, 1899. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Bachelor of Philosophy.

Raymond, Stockton Attorney
B. A. 1905 LL. B. 1907
Ruggery Building, Columbus, Ohio

Born in Columbus, Ohio, June 19, 1882. Attended the Ohio State University, 1899-01, 1903-07, and was graduated in June 1905, with the degree, Bachelor of Arts, and received the degree, Bachelor of Laws, in June 1907. In Law Office of Addison, Sinks & Babcock, 1905-09. Since 1909, member of law firm of Raymond, Gibsen & Young. Secretary, Civic Betterment League, Columbus, Ohio, member Central Philanthropic Council, Council of Churches, Godman Guild Council, Delta Tau Delta, and Phi Delta Phi.

Reeder, Charles Wells Librarian
B. A. 1906 M. A. 1909
Ohio State University, Columbus, Ohio

Born in Wickliffe, Ohio, December 24, 1884. Married Lydia Morrow, June 29, 1911. Attended the Ohio State University, 1902-09, and was graduated in June 1906, with the degree, Bachelor of Arts, and in June 1909, with the degree, Master of Arts. Since 1906, Assistant Reference Librarian, Ohio State University. Has published an article on "Government Documents in small Libraries," 1910, and is a contributor to National Municipal Review. Member of American Library Asociation, Ohio Library Association, Sons of the American Revolution, and Phi Beta Kappa.

Reif, Charles Caleb Patent Attorney
M. E. 1906 LL. B. (Georgetown University) 1911
U. S. Patent Office, Washington, D. C.

Born at Hamilton, Ohio, October 4, 1879. Married Cora Pauline Braddock, August 30, 1911. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Mechanical Engineer. Attended Georgetown University, Law School, 1908-11, and received the degree, Bachelor of Laws, in 1911; attended George Washington University, Patent Law Course, 1911-12. Mechanical Draftsman, Niles Tool Works Company, Hamilton, Ohio, 1898-02; Telephone Engineer, Western Electric Company, Chicago, Ill., 1906-08. Since 1908, Assistant Examiner, U. S. Patent Office. Member of Bar of District of Columbia.

Reifsnider, Lee Roy Banker
Assistant Cashier, First-Second National Bank, Akron, Ohio

Born at Akron, Ohio, January 5, 1885. Married Lucretia Ruth Spray, June 30,

1909. Attended the Ohio State University, September 1906 to January 1908. With First National Bank, Akron, Ohio, 1901-06. Since 1908, Assistant Cashier, First-Second National Bank, Akron, Ohio. Member of Acacia, and Triangle. Treasurer, Ohio State University Association of Summit County.

Reigart, Harry Russell Attorney
LL. B. 1908
520-521 Reutschler Building
Hamilton, Ohio

Born in Hamilton, Ohio, October 3, 1882. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Laws. Secretary Civil Service Commission of city of Hamilton, Ohio. At present, Attorney-at-Law, Hamilton, Ohio. Member of Modern Woodmen of America and of Delta Upsilon.

Reynolds, Glide A. Pharmacist
948 East Market Street, Akron, Ohio

Born in Greenwich, Ohio, May 29, 1886. Attended the Ohio State University, 1907-09, and received a Certificate in Pharmacy in June 1909. With H. Douglas Westervelt, Columbus, Ohio, June 1909 to May 1910. Since June 1910, Pharmacist with Wm. Dutt, Akron, Ohio. Secretary, Akron Drug Clerks' Association. Member of Phi Delta Chi.

Rhoades, Rachel Librarian
B. A. 1910
University of Michigan,
Ann Arbor, Michigan

Born at Ann Arbor, Michigan, April 10, 1889. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts; attended Pratt Institute School of Library Science, 1910-11, and received a Certificate in 1911. At present, General Assistant, General Library, University of Michigan, Ann Arbor, Michigan. Member of American Library Association, Michigan Library Association and Phi Beta Kappa. House address, 1713 South University Avenue, Ann Arbor, Michigan.

Rhodes, George Washington Attorney
1140 Mt. Vernon Ave., Columbus, Ohio

Born in Licking County, Ohio, in 1865. Attended the Ohio State University, January 1892 to June 1893, and received a Certificate in Law in June 1893. Since 1893, Attorney-at-Law, Columbus, Ohio.

Rice, Ray Howard Civil Engineer
C. E. 1904
Norfolk Southern Railway,
Portsmouth, Virginia

Born in Seneca County, Ohio, April 10, 1880. Married Lois Ada Garvin, August 22, 1906, who died May 1, 1910. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Civil Engineer. Draftsman, Seaboard Air Line Railway, 1905-06; Transitman, Virginia Railway, 1906-07; Resident Engineer, Virginia Railway, 1907-09; Chief Draftsman, Norfolk Southern R. R., 1909 to January 1912. Since January 15, 1911, Office Engineer and Chief Draftsman, Norfolk Southern R. R. Associate member, American Society of Civil Engineers and member of Sigma Xi. House address, 217 North Street, Portsmouth, Va.

Richards, Clare A. J. Civil Engineer
C. E. 1909
85 Ridge Avenue, Crafton, Pa.

Born in Bucyrus, Ohio, October 14, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Civil Engineer. At present, Assistant Inspector of Bridges, Pennsylvania Lines West of Pittsburg.

Richardson, Hamilton Hutchinson Horticulturist
B. Sc. Agr. 1892
Brooklyn Station, Cleveland, Ohio

Born at Brooklyn, Ohio, in 1869. Married Harriet Eugene Fish in 1898. Attended Calvin College, six months; attended Ohio State University, 1887-89, preparatory, 1889-92 collegiate, and was graduated in June 1892, with the degree, Bachelor of Science in Agriculture. At

present, Fruit and Vegetable Grower, Brooklyn Station, Cleveland, Ohio. Village Clerk, member of School Board, President of Board of Public Affairs, Secretary and Director of Cleveland Fruit and Vegetable Growers' Association, Ohio Vice-President of Vegetable Growers of America, Advisory Board of Home Savings & Banking Company.

Richardson, William Waddle Physician
B. Ph. 1899
M. D. (University of Pennsylvania) 1902
State Hospital for Insane,
Norristown, Pennsylvania

Born at Athens, Ohio, October 8, 1877. Married Lila MacDonald, November 13, 1906. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Philosophy; attended University of Pennsylvania three years, and was graduated in 1902, with the degree, Doctor of Medicine. Medical Interne, Orthopedic and Philadelphia Hospitals, Philadelphia, Pa., 1902-03; Medical Interne, Government Hospital for Insane, Washington, D. C., 1903; Assistant Physician, State Hospital, Columbus, Ohio, 1903-06; Assistant Physician, Philadelphia Hospital for Insane, Philadelphia, Pa., 1906. At present, Chief Physician, Department for Men, State Hospital for Insane, Norristown, Pennsylvania. Among his published articles are, "Traumatic Amnesia," a Case of Medico, Legal Interest, 1908; "The Case of Robert Bachman,—A Study in the Psychology of Religion," 1910; "The Imprisonment Psychon's," with Report of cases, soon to be published in American Journal of Insanity. Member of the American Medical Association, American Medico-Psychological Association, Philadelphia Neurological Society, Philadelphia Psychiotric Society, Philadelphia Pathological Society, Philadelphia Medical Club, Beta Theta Pi, Phi Beta Kappa and Sigma Xi. Awarded Alumni Medal, University of Pennsylvania, Medical Department, 1902.

Rickey, Alla Berta
(See Alla Berta Rickey Cless)

Riddile, John Scott Electrical Engineer
M. E. in E. E. 1904
80 Maiden Lane, New York City

Born at Barnesville, Ohio, February 3, 1883. Attended Washington-Jefferson College one year; attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Fellow in Electrical Engineering Department, Ohio State University, 1904-05; with the Westinghouse Electric & Manufacturing Company, 1905-06. Since 1906, Engineer with R. D. Mershon, Consulting Engineer in general practice, New York City. Member of American Institute of Electrical Engineers and of Sigma Xi.

Riddle, Lumina Cotton
(See Lumina Cotton Riddle Smyth)

Rietz, Henry Lewis Professor
B. Sc. 1899
Ph. D. (Cornell University) 1902
University of Illinois, Champaign, Ill.

Born at Gilmore, Ohio, August 24, 1875. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Science; attended Cornell University, 1899-02, and was graduated in 1902, with the degree, Doctor of Philosophy. Assistant in Mathematics, Cornell University, 1901-02; Professor of Mathematics and Astronomy, Butler College, 1902-03; Instructor in Mathematics, University of Illinois, 1903-04; Assistant Professor of Mathematics, University of Illinois, 1904-08. Since 1908, Assistant Professor of Mathematics and Statistician Agricultural Experiment Station, University of Illinois. Joint Author of a College Algebra, 1909 (Rietz and Crathorne), published by Henry Holt & Company. Has written various articles on "Primitive Groups of Odd Order," American Journal of Mathematics, 1904; also the following: "On Groups in which Certain Commuta-

tive Operations are Conjugate," Transactions American Mathematics Society, Vol. V., 1904; "Simply Transitive Primitive Groups which are Simple Groups," Bulletin of American Mathematics Society, 1905; "Is the Situation in Regard to the Teaching of Algebra in the High Schools of Illinois Satisfactory?" School Science and Mathematics, 1908; "Statistical Methods," Ginn & Company, 1908; "On Inheritance in the Production of Butter Fat" (A Statistical Study), Biometrika, 1909; "An Exposition of the Illinois Syllabus on Algebra for Secondary Schools," Proceedings of National Education Assoc. 1909; "On a Mean Difference Problem that Occurs in Statistics," American Mathematical Monthly, 1910; "The Teaching of College Algebra," American Mathematical Monthly, 1910; "On the Construction and Graduation of a Rural Life Table" (Rietz and Forsyth) The Record of the American Institute of Actuaries, 1911; Discussion of "Formula for Continued Installments," The Record, American Institute of Actuaries, 1911; "On the Metabolism Experiment as a Statistical Problem," Journal of Biological Chemistry, 1910. Joint Author of the following monographs: "Type and Variability in Corn," Bulletin 119, Illinois Agricultural Experiment Station, 1907; "Correlation of Efficiency in Mathematics and other subjects," The Illinois University Studies, 1908; "Exercises and Problems in College Algebra," Henry Holt & Company, 1910; "On the Measurement of Correlation with Special Reference to Some Characters of Indian Corn," Bulletin 148, Ill. Agrl. Exp. Station 1910; and numerous reviews of mathematical books. Member of American Mathematics Society; Fellow, Amercian Association for Advancement of Science; Fellow, American Institute of Actuaries; Member, Circulo Mathematics di Palermo; member, American Statistical Association, Alpha Tau Omega, Sigma Xi, Phi Beta Kappa and Gamma Alpha.

Rightmire, Robert Elwood
Mechanical Engineer, Fuel Testing
M. E. 1902
Consolidation Coal Company,
Fairmont, W. Va.

Born at Ironton, Ohio, November 6, 1873. Married Augusta B. Morton, February 3, 1908. Attended the Ohio State University, 1896-97, 1898-02, and was graduated in June 1902, with the degree, Mechanical Engineer. In Motive Power Department, Hocking Valley Railway, Columbus, Ohio, three years; Assistant Mechanical Engineer, Ralston Steel Car Company, eighteen months. Since April, 1907, Testing Department, Consolidation Coal Company, Fairmont, West Virginia. Member of Lodge of Elks, West Virginia Mining Institute, International Railway Fuel Association and Delta Tau Delta.

Riker, Benjamin H. Teacher
B. A. 1911
Shawnee, Oklahoma

Born at Saint Paris, Ohio, January 19, 1889. Attended the Ohio State University 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. Reporter, The Columbus News, 1911. At present, Head of English Department, Shawnee High School, Shawnee, Oklahoma. Member of Sigma Delta Chi and Phi Beta Kappa.

Riley, Valeria
(See Valeria Riley Bugby)

Rinehart, Frank Edward Professor
B. Sc. Agr 1910
Ohio State University, Columbus, Ohio

Born at Eaton, Ohio, October 10, 1887. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Agriculture. Assistant in Agricultural Extension Work, Ohio State University, July 1, 1910 to November 1, 1911. Since November 1911, Instructor in Dairying, Ohio State University.

Risser, Edwin Alvin Farmer
B. Sc. Agr. 1909
Pandora, Ohio

Born at Pandora, Ohio, May 21, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Agriculture. Since graduation he has been farming and dealing in market classes of livestock, Pandora, Ohio. Member of Ohio State Grange and Alpha Tau Omega.

Risser, Louis David Farmer
B. Sc. Agr. 1908
Pandora, Ohio

Born at Pandora, Ohio, October 19, 1884. Attended Wooster University, 1903-05; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Since graduation he has been farming near Pandora, Ohio. Member of Delta Theta Sigma.

Ritchey, Joseph Chalmers Chemist
B. Sc. 1890
American Steel & Wire Company,
Cleveland, Ohio

Born at Uniontown, Belmont County, Ohio, June 22, 1864. Attended the Ohio State University, 1884-90, two years preparatory, and was graduated in June 1890, with the degree, Bachelor of Science. Teacher three years; Chemist, National Steel Company, Mingo Junction, Ohio, three years; Chemist, Lake Superior Power Company, Sault Ste. Marie, Ontario, two years; Chemist, Salem Iron Company, Leetonia, Ohio, six months; Chemist, American Steel & Wire Company, nine years, which position he now holds. Member of American Chemical Society. House address, 10612 Ashbury Avenue, N. E., Cleveland, Ohio.

Roach, Simeon Andrew Banker
B. Ph. 1899
Cashier, Citizens' National Bank,
New Lexington, Ohio

Born at Sedalia, Madison County, Ohio, February 16, 1877. Married Mabel Z. Marshall, April 29, 1902. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Philosophy. Agent, New York Life Insurance Company, July 1899 to June 1900; engaged in Office work, Cleveland, Ohio, June 1900; Bookkeeper, Citizens' National Bank, Chillicothe, Ohio, April 1901 to October 1909. At present, Cashier, Citizens' National Bank, New Lexington, Ohio. Member of Sigma Alpha Epsilon.

Roberts, Harry M. Veterinarian
D. V. M. 1911
Washington C. H., Ohio

Born at Washington C. H., Ohio, December 13, 1886. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine. Practicing Veterinary Medicine at Washington C. H., Ohio, since graduation.

Robinson, Eckka
(See Eckka Robinson Rowe)

Robinson, Erdis G. Manufacturer
C. E. 1893
S. W. Robinson & Son Co.,
Columbus, Ohio

Born at Champaign, Illinois, January 24, 1872. Married Flora Stalter, August 29, 1905. Attended the Ohio State University, 1889-93, and was graduated in June 1893, with the degree, Civil Engineer. Assistant Engineer, Kansas City, Watkins & Gulf Railway, 1894-97; Locating Engineer, Division Engineer, Engineer Maintenance of Way, Assistant Engineer, etc. Mexican Central Railway, 1897-03; Secretary-Treasurer, The S. W. Robinson & Son Company, Columbus, Ohio, 1903-10. Since 1910, President, The S. W. Robinson & Son Company, manufacturers of Optical machinery, Columbus, Ohio. Among his published articles are, "Construction of Logramithmic Computing Charts," 1905; "Gas Engine Compressions Studied by means of Logramithic Charts,"

1906; Mexican Railway Law (two articles), 1906; "The Railways of Mexico," Illustrated Serial, 1907; "Computing Charts for Determining Flow of Gas from Wells and through Pipe Lines," 1903. Member American Society of Civil Engineers and of National Association of Credit Men.

Robinson, Zella
(See Zella Robinson Hakes)

Rockhold, Cyrus Kimble Mining Engineer
E. M. 1907
Utah Fuel Co., Sunnyside, Utah

Born at Bainbridge, Ohio, September 21, 1884. Attended the Ohio State University, 1902-06, and Spring of 1907, was graduated in June 1907, with the degree, Engineer of Mines. Transitman, U. S. Coal & Oil Company, Holden, West Virginia; Engineer, Springfield Colliery Company, Springfield, Ill.; spent one year and a half seeing the West. Worked in mines, mills and smelters at everything from mucker to surveyor throughout Utah, Nevada and part of Arizona. At present, Assistant Engineer, Utah Fuel Company, Sunnyside, Utah. Member of Masonic Order.

Rodgers, Roland Weston Farmer
B. Sc. Agr. 1908
R. R. No. 11, Cincinnati, Ohio

Born at Pleasant Ridge, Ohio, December 26, 1885. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Book Agent in Kansas, Oklahoma and Texas, September 1908 to May 1909. At the present time engaged in farming. Member of Delta Theta Sigma.

Roscoe, Percy Evan Osteopathic Physician
D. O. (American School of Osteopathy) 1912
Kirksville, Missouri

Born at Norwalk, Ohio, June 3, 1884. Married Lillian M. Swan, September 20, 1911. Attended the Ohio State University, 1904-06, and received a Certificate in Pharmacy in June 1906; attended American School of Osteopathy, 1909-12, and was graduated in 1912, with the degree, Doctor of Osteopathy. With E. E. Groff Pharmacy, Columbus, Ohio, and J. C. Cope Pharmacy, Steubenville, Ohio, 1906-07; The Standard Drug Company, Cleveland, Ohio, 1907-09; The Standard Drug Company, Cleveland (ten stores), Summers of 1910 and 1911. At present, Practicing Osteopathy at Kirksville, Missouri.

Rothe, Henry H. Professor
D. V. M. 1911
University of Georgia, Athens, Ga.

Born at San Antonio, Texas, December 25, 1888. Attended the Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Doctor of Veterinary Medicine; attended the Agricultural and Mechanical College of Texas two years. Assistant in Bacteriology, Ohio State University, 1911. At present, Instructor in Veterinary Medicine, University of Georgia, Athens, Georgia. Member of Alpha Psi. Home address, Hondo, Texas.

Rothrock, Philip Grain Standardization
U. S. Department of Agriculture,
B. Sc. Agr. 1908
Board of Trade, New Orleans, La.

Born in Winchester, Adams County, Ohio, April 9, 1886. Married Mabel Willis, June 24, 1900. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Assistant in Grain Standardization, U. S. Department of Agriculture. Engaged in investigations regarding methods of and conditions affecting the producing, handling, marketing, grading, shipping and manufacturing of grain in the United States.

Rothwell, James Martin Apple Shipper
B. A. 1907
Martinsburg, West Virginia

Born in East Palestine, Ohio, January 29, 1886. Married Helen E. Bright, November 4, 1908. Attended the Ohio State

University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Manager, Martinsburg Ice & Coal Company, two years. At present, engaged in wholesale apple business, President of Rothwell & Co., Inc., the largest shippers of apples in the Shenandoah Valley apple belt, operating an ice and apple storage plant with a capacity of 50,000 barrels, and capitalization of $150,000. Member of Delta Tau Delta.

Rowe, Eckka Robinson
(Mrs. George E. Rowe)
B. Sc. 1892
232 Fountain Street,
Grand Rapids, Michigan

Born at Ann Arbor, Michigan, October 15, 1869. Married George E. Rowe, June 23, 1892. Attended the Ohio State University six years, two years preparatory, 1886-92, and was graduated in June 1892, with the degree, Bachelor of Science.

Rower, Emma E. Principal High School
B. A. 1910
Milford Center, Ohio

Born in Putnam County, Ohio, April 30, 1885. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. At present, Principal of High School, Milford Center, Ohio.

Rubins, Frank D. Farmer
B. Sc. Agr. 1904
Kenton, Ohio

Born at Kenton, Ohio, June 28, 1875. Attended the Ohio State University, 1896-98 and 1901-04, and was graduated in June 1904, with the degree, Bachelor of Science in Agriculture. Engaged in Farm Management since graduation.

Ruth, Walter Eugene Professor
B. Sc. Agr. 1911
Ohio State University, Columbus, Ohio

Born at Sandusky, Ohio, February 3, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Agriculture. Student Assistant in Agricultural Chemistry, Ohio State University, 1910-11. At present, Assistant in Agricultural Chemistry and graduate student, Ohio State University. Member of The American Chemical Society and of Alpha Zeta.

Sabine, Annie Ware
(See Annie Ware Sabine Siebert)

Sabine, Wallace C. Professor and Dean
B. A. 1886
M. A. (Harvard University) 1888
D. Sc. (Brown University) 1907 (Hon.)
Harvard University,
Cambridge, Massachusetts

Born in Richwood, Ohio, June 13, 1868. Married Jane D. Kelly, August 22, 1900. Attended the Ohio State University, 1882-86, and was graduated in June 1886, with the degree, Bachelor of Arts; attended Harvard University 1886-90, and was graduated in 1888, with the degree, Master of Arts; received Honorary Degree, Brown University, Doctor of Science, 1907. Instructor in Physics, Harvard University, 1890-95; Assistant Professor in Physics, Harvard University, 1895-05; Professor of Physics, Harvard University, 1905 to the present time. Since 1906, Dean of Graduate School of Applied Science, Harvard University.

Sackriede, William John Frederick
C. E. 1911 Civil Engineer
B. & O. Railroad Company,
862 Newport Avenue, Chicago, Ill.

Born in Cincinnati, Ohio, March 2, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Civil Engineer. Assistant on Engineering Corps, Cincinnati Traction Co., Summer of 1910. Since August 1911, Assistant on Engineering Corps, Track Elevation, Baltimore & Ohio Railroad Company, Chicago, Ill.

Saliers, Earl Adolphus Professor
B. Sc.(Heidelberg University) 1908
M. A. 1910 Ph. D. (University of Pennsylvania) 1911
Lehigh University,
South Bethlehem, Pennsylvania

Born at Attica, Seneca County, Ohio, April 25, 1884. Married Lillian DeVore McGinnis, June 15, 1908. Attended Heidelberg University, Tiffin, Ohio, 1903-08, and received the degree, Bachelor of Science, in 1908, Summa Cum Laude; attended Ohio State University, 1908-10, and was graduated in June 1910, with the degree, Master of Arts; attended University of Wisconsin, Summer of 1910; attended University of Pennsylvania, 1910-11, and was graduated in 1911, with the degree, Doctor of Philosophy. Fellow in Economics, Ohio State University, 1908-10; Harrison Fellow in Economics, University of Pennsylvania, 1910-11. Since 1911, Instructor in Economics, Lehigh University. Has published a volume on, "Coal Industry of the Hocking Valley," 1911, and an article for the Ohio Historical and Archaeological Quarterly, 1910, on "Siege of Fort Meigs." Member of American Economic Association.

Salt, Clifford G. Teacher
B. A. 1906
West High School, Minneapolis, Minn.

Born at Portsmouth, Ohio, April 17, 1881. Married Elizabeth J. Lindsay, October 22, 1908. Attended the Ohio State University Fall of 1901, January 1903 to June 1906, and was graduated in June 1906, with the degree, Bachelor of Arts. Teacher of Science, State Normal School, Springfield, South Dakota, 1906-07. Since 1908, Teacher of Chemistry, West High School, Minneapolis, Minn. Member of Delta Upsilon.

Sanders, James Glossbrenner
Professor and Entomologist
B. Ph. (Otterbein University) 1901
M. A. 1903
University of Wisconsin,
Madison, Wisconsin

Born at Louisville, Stark County, Ohio, July 17, 1880. Married A. Salome Wingate, August 15, 1906. Attended Buchtel College, 1896-97; attended Otterbein University, 1898-01, and was graduated in 1901, with the degree, Bachelor of Philosophy; attended Ohio State University, 1901-04, and was graduated in June 1903, with the degree, Master of Arts. Fellow in Botany, Ohio State University, 1902-03; Fellow in Zoology and Entomology, ibid., 1903-05; Assistant at Lake Laboratory, ibid., Summer of 1904; Expert, Bureau of Entomology, U. S. Department of Agriculture 1905-10. Since 1911, State Entomologist and Professor in charge of Department of Economic Entomology, College of Agriculture, The University of Wisconsin. Appointed by Governor of Wisconsin in 1911 to take charge of State Orchard and Nursery Inspection, which position he still holds. Has written various pamphlets and articles on Scale Insects or Coccidae. Member of American Association for Advancement of Science, Association of Economic Entomologists, Entomological Society of America, Entomological Society of Washington, Ohio Academy of Science, National Association of Horticultural Inspectors, National Association of Apiary Inspectors and of Delta Upsilon and Sigma Xi.

Sands, Forrest Eveleen Teacher
B. Sc. Dom. Sci. 1910
Milan, Ohio

Born at Milan, Ohio, October 13, 1885. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science. At present, Teacher in Cooking, Sandusky Free Rest Room.

Sanzenbacher, Walter Otto Civil Engineer
C. E. 1909
Canal Land Department, Board of Public Works, Columbus, Ohio

Born in Piqua, Ohio, October 1, 1881. Attended the Ohio State University, 1901-03, 1906-09, and was graduated in June 1909, with the degree, Civil Engineer. With Kanawha & West Virginia Railway, 1905-06; with Pennsylvania Railway, 1906-07; Assistant County Surveyor, Summer of 1908; with Pennsylvania Railway, 1909-10. Since August 1910, with State Board of Public Works, Columbus, Ohio. Member of Masonic Order, Triangle and Acacia.

Sarver, William Edward Consulting Engineer
808 Shorb Street, Canton, Ohio

Born in Canton, Ohio, June 21, 1871. Married Margaret May White, January 21, 1903. Attended the Ohio State University, 1891-95. Draftsman and Assistant Engineer, City Civil Engineer's Office, Canton, Ohio, 1896-01; Office and Resident Engineer for Chapin & Knowles, Consulting Engineers, offices Canton, Ohio, and Pittsburgh, Pa., 1901-06; Chief Engineer for Board of Public Service, Canton, Ohio, 1906-08. Since 1908, Consulting Engineer, Municipal Engineering, with L. E. Chapin, Consulting Engineer. Member of Phi Gamma Delta.

Sater, Lowry Francis Attorney
B. Ph. 1895 LL. B. 1897
Vorys, Sater, Seymour & Pease, Columbus, Ohio

Born at Sater, Ohio. Married Katharine E. Morhart. Attended Marietta College one year; attended Ohio State University, 1891-95, in the College of Arts, and was graduated in June 1895, with the degree, Bachelor of Philosophy; 1894-97, in the College of Law, and received the degree, Bachelor of Laws, in June 1897. At present, Practicing Law in Columbus, Ohio, and member of firm, Vorys, Sater, Seymour & Pease. Member of Scottish Rite Masons, Knights Templar, Shriners, Phi Delta Theta and Phi Delta Phi. Treasurer Board of Trustees, Ohio State University, Columbus, Ohio.

Savage, Luke Francis Civil Engineer
McKeesport, Pennsylvania

Born at McKeesport, Pennsylvania, August 22, 1879. Married Estella McCaughan, June 28, 1911. Attended Mt. St. Marys, Emmitsburg, Md., one year; attended Ohio State University, 1901-02, Fall Term 1902, Winter and Spring Terms 1904; attended Carnegie Technical School, Pittsburgh, Pa., two years. For three years was engaged in General Surveying, including railroad mines and lot regulations; one year in mines and railroad surveying, with Pittsburgh Coal Company; three years Inspector of Paving and Sewers, McKeesport, Pennsylvania; five years Assistant City Engineer, McKeesport, Pa., which position he still holds. Member of Knights of Columbus, C. M. B. A., Chamber of Commerce and Ancient Order of Hibernians.

Scarlett, Henry Lancelot Attorney
B. A. 1901 LL. B. 1903
513-518 New First National Bank Building, Columbus, Ohio

Born at Columbus, Ohio, May 7, 1880. Married Bernice Campbell Davis, October 24, 1906. Attended the Ohio State University, 1897-03, and was graduated in June 1901, with the degree, Bachelor of Arts, and in June 1903, with the degree, Bachelor of Laws. Attended Harvard Law School, 1903-04. Since 1909, Member of Board of Managers of Associated Charities. Since 1904, Treasurer of St. Paul's Episcopal Church; City Prosecutor, Columbus, Ohio, 1906-09; Special Counsel in City Law Department, Columbus, Ohio, 1910-11. Member of law firm of Weinland & Scarlett; member of The Ohio Club; Columbus Chamber of Commerce; Junia Lodge of Odd Fellows and Delta Tau Delta and Phi Delta Phi.

Schaal, Wilbert Farmer
Flushing, Ohio

Born at Martins Ferry, Ohio, January 22, 1890. Attended Franklin College, one year; attended Ohio State University, 1907-08, Fall and Winter, 1908-09. Farm Manager, Flushing Ohio. Member of Alpha Zeta.

Schachtel, Soll Harris Ceramic Chemist
Cer. Engr. 1909
Ludowici Celadon Company,
New Lexington, Ohio

Born at Nyack, New York, December 29, 1884. Attended the Ohio State University, 1904-09, and was graduated in June 1909, with the degree, Ceramic Engineer. Ceramic Chemist, Robinson Clay Product Company, June 1, 1909 to January 1, 1910; Superintendent, Cannelton, Indiana, Stoneware & Pottery Company, January 1, 1910 to May 1, 1910. Since May 1910, Ceramic Chemist, Ludowici Celadon Company New Lexington, Ohio. Member of American Ceramic Society.

Schalk, Arthur Frederick Professor
D. V. M. 1908
North Dakota Agricultural College,
Agricultural College, North Dakota

Born in Hamilton, Butler County, Ohio, June 19, 1880. Married Ethel Brown, December 22, 1908. Attended National Normal University, Lebanon, Ohio, 1898; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Doctor of Veterinary Medicine. Veterinary Inspector, U. S. Bureau of Animal Industry; Assistant Pathologist and Bacteriologist of Chicago Division of U. S. Bureau of Animal Industry; Clinician Cass County (North Dakota) Medical Society. At present, Assistant Professor, Department of Veterinary Science, North Dakota Agricultural College and Experiment Station. Member of North Dakota State Veterinary Association, North Dakota Polytechnic Society, American Veterinary Medical Association, member and President of National Council of Alpha Psi.

Schaub, Edward Louis Tascher
M. E. 1885 Mechanical Engineer
1248 S. High Street, Columbus, Ohio

Born at Columbus, Ohio, October 25, 1865. Attended Illinois State University, 1880-81; attended Ohio State University, 1882-85, and was graduated in June 1885, with the degree, Mechanical Engineer. On leaving college, Special Apprentice with Pennsylvania R. R. and remained in the employ of that company fifteen years; with Mechanical Engineering Department, Jeffrey Mfg. Co., Columbus, Ohio, about six years. At present with the International Correspondence Schools of Scranton, Pa., and Bond Salesman. Member of Phi Kappa Psi.

Scheffler, Edward Conrad Insurance
210 City National Bank Building,
Canton, Ohio

Born at Zanesville, Ohio, August 11, 1884. Attended the Ohio State University, 1906-07, in the College of Engineering. With Mutual Benefit Life Insurance Company, 1910-11. At present with Royal Union Mutual Life Insurance Company. Member of Masonic Order and of Sigma Chi.

Scheibell, William Oliver Mining Engineer
E. M. 1888
230 West Ninth Avenue,
Columbus, Ohio

Born at Columbus, Ohio, January 18, 1868. Married Ida M. Brown, May 9, 1893. Attended the Ohio State University seven years, including preparatory work, 1881-88, and was graduated in June 1888, with the degree, Engineer of Mines. Mining Engineer and Chemist, Columbus, & Hocking Coal & Iron Co., Buchtel, Ohio, 1888-89; Assistant City Engineer, Spokane, Washington, 1889-90; Assistant Construction Engineer, Northern Pacific R. R., Wallace, Idaho, 1890-92; Construction Engineer, John A. Roebling Sons Co., New York City and Buena Vista, Va., 1892-94; Superintendent, Buckeye Portland Cement Company, Bellefontaine, Ohio,

1894-98; Manufacturer of Art Tile and General Manager, American Art Tile Company, Columbus, Ohio, 1898-02. Since 1902, Engineer of Concrete Construction, Columbus, Ohio. Has published a "Treatise on Manufacture of Cement Art Tile," 1900; and an article on the "Manufacture and Use of Portland Cement," 1902. Member of Engineers' Club, Columbus, Ohio, and of Phi Delta Theta.

Schettler, Bruno August Mining Engineer
Peabody Coal Company,
Shawnee, Ohio

Born in Saxony, Germany, March 25, 1877. Married Gertrude Murl, September 28, 1900. Attended the Ohio State University, 1901-04. Mining Engineer, with The Jones & Adams Company, 1905; Mine Foreman with The Illinois Collieries Company, 1906; Superintendent, Illinois Midland Coal Company, 1907-10. Since 1911, Vice-President and Superintendent, The Peabody Coal Company, Shawnee, Ohio. Member of Masons, Royal Arcanum, Knights of Pythias and Odd Fellows.

Schieber, Arthur LeRoy Electrical
M. E. in E. E. 1911 Engineer
812 Walnut Street,
Swissvale Station, Pa.

Born at Bucyrus, Ohio, August 26, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. Since June 1911, Student Engineer with Westinghouse Electric & Manufacturing Company, Swissvale Station, Pa. Student member, American Institute of Electrical Engineers, Phi Gamma Delta and Eta Kappa Nu.

Schilling, Julius Henry Civil Engineer
C. E. 1907
Room 8, Union Station,
Indianapolis, Indiana

Born in Columbus, Ohio, May 3, 1884. Attended the Ohio State University, 1902-04, 1905-07, and was graduated in June 1907, with the degree, Civil Engineer. Assistant on Corps Chief Engineer's Office, Vandalia R. R., July 24, 1907 to February 1909. Since February 1909, Assistant on Corps, Vincennes Division, Vandalia R. R. and Indianapolis Terminal Divisions, Pennsylvania R. R. Second Track Survey, St. Louis Division, Vandalia R. R., 1907-08; in charge of grade reduction work, Vincennes Division, Vandalia R. R., 1909-10; located and built Knox County (Indiana) Coal Branch, Vincennes Division, Vandalia R. R., 1910-11.

Schlesinger, Arthur Meyer Student
B. A. 1910
M. A. (Columbia University) 1911
Columbia University, New York City

Born at Xenia, Ohio, February 27, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts; attended Columbia University, 1910-12, and was graduated in 1911, with the degree, Master of Arts. At present University Fellow in American History, Columbia University. In Maryland Historical Magazine, March 1912, he published an article on "Maryland's Share in the Last Intercolonial War." Member of the American Historical Association, Fellows' Club at Columbia, Graduate History Club at Columbia, Phi Beta Kappa and Phi Delta Theta. University Scholar in American History at Columbia, 1910-11; President of Fellows' Club at Columbia, 1911-12. House address, 1120 Amsterdam Avenue, New York City. Home address, Xenia, Ohio.

Schlesinger, Hugo N. Attorney
LL. B. 1899
Ward & Schlesinger, Columbus, Ohio

Born at Xenia, Ohio, June 4, 1878. Married Mary Greening, April 8, 1909. Attended the Ohio State University, 1895-06, in the College of Arts; 1897-99, in the College of Law, and was graduated in June 1899, with the degree, Bachelor of Laws. City Prosecutor, Columbus, Ohio, and a member of the law firm of Ward &

Schlesinger at the present time. Assistant on Ohio Codifying Commission, January 1, 1908 to February 14, 1910. Member of Masonic Order, Elks Lodge, Phi Delta Theta, Phi Delta Phi and Theta Nu Epsilon.

Schlitt, William Joseph
Contractor and Builder
17 King Avenue, Columbus, Ohio

Born in Columbus, Ohio, November 24, 1889. Attended the Ohio State University, 1908-11. Has had four years' experience as a Carpenter, and one year of Contracting and Building, in which business he is engaged at the present time. Secretary of The Amaranth Club.

Schmidt, John Petersen Veterinarian
U. S. Department of Agriculture,
Bureau Animal Industry,
312 Live Stock Exchange Building,
Pittsburgh, Pa.

Born at Wheeling, West Virginia, November 2, 1875. Attended the Ohio State University, January 1904 to June 1906, and received a Certificate in Veterinary Surgery in June 1906. U. S. Inspector, Bureau of Animal Industry, U. S. Department of Agriculture, which position he has held since October, 1906.

Schneeberger, Grover Boyd Electrical
M. E. in E. E. 1907 Engineer
Cleveland Electric Illuminating Co.,
Cleveland, Ohio

Born at Galion, Ohio, November 11, 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer in Electrical Engineering. Since graduation he has served an apprenticeship with the Westinghouse Electric & Manufacturing Company. At present Central Station Operator for the Cleveland Electric Illuminating Company, Cleveland, Ohio. Associate Member of the American Institute of Electrical Engineers. House address 2519 Cedar Avenue, Cleveland, Ohio.

Schneider, Bertha Mabel Librarian
B. A. 1907
B. L. S. (University of Illinois) 1910
Ohio State University, Columbus, Ohio

Born in Columbus, Ohio, April 14, 1886. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts; attended University of Illinois, 1907-10, and was graduated in 1910, with the degree, Bachelor of Library Science. Cataloguer, University of Illinois Library, 1909. Since 1910, Library Assistant, Ohio State University Library, Columbus, Ohio.

Schoedinger, George Richard Undertaker
B. A. 1906
11 West State Street, Columbus, Ohio

Born in Columbus, Ohio, December 22, 1884. Married Ruth Sherman, January 12, 1910. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. In Undertaking Business, Columbus, Ohio. Member of Delta Tau Delta.

Schonthal, Derso Clarence Sales Manager
West Virginia Rail Company,
Huntington, West Virginia

Born in Austro-Hungary, January 4, 1881. Attended the Ohio State University, 1898-01, in the College of Arts; attended Massachusetts Institute of Technology. At present, Sales Manager, The West Virginia Rail Company, steel rails, Huntington, W. Va.

Schryver, Howard French Civil Engineer
C. E. 1908
Toledo & Ohio Central Railway,
Columbus, Ohio

Born at Mt. Sterling, Ohio, April 9, 1885. Attended the Ohio State University, 1903-04, 1905-08, and was graduated in June 1908, with the degree, Civil Engineer. With Pennsylvania Lines, West of Pittsburgh, on construction work, three years; with Toledo & Ohio Central Railway on construction work, two years. At present,

Assistant Engineer to Chief Engineer of Toledo & Ohio Central Railway, Columbus, Ohio. Member of Triangle. House address, 1374 East Main Street, Columbus, Ohio.

Schubert, Charles Wesley Structural Engineer
C. E. 1903
Brown Hoisting Machinery Co., Cleveland, Ohio

Born at Eaglesport, Morgan County, Ohio, August 7, 1878. Married Marcia Inez Mock, September 19, 1906. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Civil Engineer. Draftsman, Mt. Vernon Bridge Company, June 1903 to March 1909; Draftsman, McClintic-Marshall Construction Company, Pittsburgh, Pa., March 1909 to March 1910. Since March 1910, Structural Engineer, Estimating Department of The Brown Hoisting Machinery Company, Cleveland, Ohio. Associate Member, American Society of Civil Engineers. House address, 1357 East 110th Street, Cleveland, Ohio.

Schubert, Floribel Caroline Nurse
B. A. 1907
101 Monroe Street, Monroe, Wis.

Born at Lancaster, Ohio, in 1882. Attended the Ohio State University, 1902 to January 1904, January 1905 to June 1907, and was graduated in June 1907, with the degree, Bachelor of Arts. Finished a Course as Trained Nurse at Grant Hospital, Columbus, Ohio, in 1911. At present nurse in Wisconsin.

Schuck, Carey L. Journalist
B. Ph. 1898
Monessen, Pennsylvania

Born at Vanlue, Hancock County, Ohio, in 1872. Was married August 20, 1908. Attended the Ohio State University, 1892-98, two years preparatory, and was graduated in June 1898, with the degree, Bachelor of Philosophy; finished Course at Eastman Business College, in 1892. Financial Editor and Railroad Editor of Columbus Dispatch; Railroad Editor of Pittsburgh Post. At present, Editor and Owner, Monessen, Pa., News. Member of Assembly in Pennsylvania Sessions, 1906 and 1909; member of Masonic Order, Elks Lodge and Phi Gamma Delta. President Board of Trade, Monessen, Pa.

Schueller, Erwin Waldemar Physician
B. A. 1892
M. D. (Starling Medical College) 1895
150 E. Broad Street, Columbus, Ohio

Born in Columbus, Ohio, June 15, 1871. Married Sara Bohl, April 20, 1894. Attended the Ohio State University, 1886-92, and was graduated in June 1892, with the degree, Bachelor of Arts; attended Starling Medical College, 1892-95, and was graduated in 1895, with the degree, Doctor of Medicine; attended New York Post Graduate Medical School, 1896-97. Assistant Surgeon, St. Francis Hospital, Columbus, Ohio, 1895-96; Assistant Surgeon in New York Post Graduate Hospital, 1896-97; Superintendent of Health, Columbus, Ohio, 1899; Medical Examiner for New York Life Insurance Company, Metropolitan Life Insurance Company, John Hancock Life Insurance Company, Aetna Life Insurance Company and Columbus Mutual Life Insurance Company. At present, practicing Medicine in Columbus, Ohio. Member of American Medical Association, Columbus Academy of Medicine and Chi Phi. Awarded a gold medal for first honor at Starling Medical College.

Scott, Charles Felton Professor and Consulting Engineer
B. A. 1885
M. A. (Yale University) 1911
Sheffield Scientific School, Yale University, New Haven, Conn.

Born at Athens, Ohio, September 19, 1864. Married Emily Clark Welch, October 15, 1895. Attended Ohio University, Athens, Ohio, three years; attended Ohio State University two and one-half years, 1883-85, and Fall of 1885, and was graduated in June 1885, with the degree, Bachelor of Arts; attended Johns Hopkins University one and a half years; attended Yale

University and received the degree, Master of Arts, in 1911. With Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., 1888-11, and occupied the position of Consulting Engineer with that company, 1904-11. At present, Professor of Electrical Engineering, Yale University. President of American Institute of Electrical Engineers, 1902-03; Chairman Building Committee, Engineering Societies' Building presented by Andrew Carnegie, 1903-07. Has written and read numerous papers before Engineering Societies and was a Member of Publication Committee of "The Electric Journal," 1904-11.

Scott, Daisy Medill Teacher
B. A. 1887
North High School, Columbus, Ohio

Born in Columbus, Ohio. Entered the Ohio State University September 16, 1882, and was graduated in June 1887, with the degree, Bachelor of Arts. Granted Life Certificate, State of Ohio, to teach in high schools, July 1885. Teacher in High Schools, Columbus, Ohio, 1888-12; appointed Head of Department of Mathematics, North High School, Columbus, Ohio, 1902, which position she now holds. Prepared history of Ohio Geological Survey for Professor Edward Orton, Sr., to be embodied in the U. S. Geological Report, July 1887. Conducted exhaustive investigation into college requirements in mathematics of the leading universities and colleges in the United States, and into the preparation for meeting these requirements made by the high schools of the principal cities of the country, 1907; took course in French, Italian and Spanish, at Ohio State University, 1906-07. Member of Central Ohio Teachers' Association, Ohio Academy of Science, 1900-10, Ohio Association of Mathematics and Science Teachers, Associate Member of American Association for Advancement of Science, 1899, member of Ohio State University Alumnae Club, Ohio State Teachers' Association, 1908.

Scott, Dudley Investment Securities
B. Ph. 1900 Municipal Bonds
Barto, Scott & Co., Columbus, Ohio

Born at Athens, Ohio, May 5, 1879. Married Ethel Baldwin, June 1, 1904; attended the Ohio State University, 1895-00, one year preparatory, and was graduated in June 1900, with the degree, Bachelor of Philosophy. With Bond Department, New First National Bank, Columbus, Ohio, August 1900 to January 1903; with Denison, Prior & Company, Cleveland, Ohio, January 1903 to January 1906; with Denison & Farnsworth, Cleveland, Ohio, February 1906 to May 1908. Since July 1908, member of firm of Barto, Scott & Company, Columbus, Ohio, dealers in Municipal Bonds. Member of Phi Gamma Delta. House address, 2136 Summit Street, Columbus, Ohio.

Scott, Walter Abner Physician
M. D. (University of Michigan) 1904
St. Johns, Michigan

Born at Fair Haven, Ohio, December 26, 1874. Married Linda Braidy, September 7, 1909. Attended Muskingum College, one year; attended Ohio State University, 1896-98, in the College of Arts; attended University of Michigan, four years, and was graduated in 1904, with the degree, Doctor of Medicine. At present, practicing medicine and surgery at St. Johns, Michigan. Member of County and State Medical Society, and of Phi Beta Pi.

Scott, Wirt Stanley Electrical Engineer
M. E. in E. E. 1911
Municipal Light Plant, Columbus, Ohio

Born at East Monroe, Ohio, October 30, 1879. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. Assistant Master Electrician, U. S. Navy Yard, Norfolk, Virginia. At present, Superintendent, Municipal Light Plant, Columbus, Ohio. Member of American Institute of Electrical Engineers, the Masonic Order and Acacia. House address, 234 West Ninth Avenue, Columbus, Ohio.

Sealock, William Elmer Superintendent
B. A. 1905 of Schools
Circleville, Ohio

Born at Rural Dale, Ohio, February 9, 1875. Married Nancy M. Whitney. Attended Ohio Northern University, Ada, Ohio, three years; attended Ohio State University, 1903-05, in undergraduate work, 1909-10, in graduate work, and received the degree, Bachelor of Arts, in June 1905; attended two Summer sessions, Ohio State University, and three Summer sessions, University of Wisconsin. Teacher in High School, Lowell, Ohio, 1898-00; Superintendent of Schools, Newport, Ohio, 1900-03; Superintendent of Schools, Groveport, Ohio, 1905-07; Principal of High School, Circleville, Ohio, 1907-08. Since 1908, Superintendent of Schools, Circleville, Ohio. Member of National Educational Association, State Teachers' Association, Central Ohio Teachers' Association, Central Ohio Schoolmasters' Club and Phi Beta Kappa.

Sears, Jessie Carpenter
(Mrs. Walter J. Sears)
B. A. 1902
1028 Dennison Avenue,
Columbus, Ohio

Born at Columbus, Ohio, December 19, 1878. Married Walter James Sears, December 20, 1904. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Arts. Member of Faculty Women's Club Ohio State University, and of Kappa Alpha Theta.

Sears, Walter James Lithographer
B. Ph. 1894 and Printer
Sears & Simpson, 116 W. Spring St.,
Columbus, Ohio

Born in Douglas County, Kansas, July 10, 1869. Married Jessie Carpenter, December 20, 1904. Attended the University of Kansas, one year; attended the Ohio State University, 1890-94, and was graduated in June 1894, with the degree, Bachelor of Philosophy. Editor, Chillicothe Daily News, 1894-95; Assistant Editor, Scioto Gazette, 1895-96; Secretary to Mayor, 1896-97; Sales and Advertising Manager, Sears & Nichols Company, 1897-10. At present, President, The Sears & Simpson Company, Lithographers and Printers, Columbus, Ohio. President City Council, Chillicothe, Ohio, 1896-97; Vice-Mayor, Chillicothe, Ohio, 1905-07; Republican Presidential Elector, 1904; Trustee, Ohio State University, 1907-14; Historian Sigma Nu Fraternity since 1903; Private in Company H, Seventh Regiment, Ohio Vol. Infantry, Spanish-American War; member of Masonic Lodge, Knights Templar, Scottish Rite, Elks, Odd Fellows, Knights of Pythias, Sons of Veterans, Ohio Club, Kit-Kat Club, Chamber of Commerce and Sigma Nu. House address, 1028 Dennison Avenue, Columbus, Ohio.

Season, Archibald Bamber
Abstractor, Traction & Light Company
Northern Ohio Traction & Light Co.,
Cuyahoga Falls, Ohio

Born at Darrowville, Ohio, May 16, 1881. Attended the Ohio State University, 1904-06, in the College of Agriculture. Abstractor for The Bankers' Guarantee Title & Trust Company, Akron, Ohio, November 20, 1907 to March 11, 1911. At present, Abstractor for The Northern Ohio Traction & Light Company, Akron, Ohio.

Secrest, Fred Miller Attorney
LL. B. 1909
509 New England Building,
Cleveland, Ohio

Born at Chillicothe, Ohio, November 16, 1886. Attended the Ohio State University, 1904-06, in the College of Arts, and 1906-09, in the College of Law, and was graduated in June 1909, with the degree, Bachelor of Laws. At present, Attorney-at-Law, 509 New England Building, Cleveland, Ohio, and Assistant Actuary for the State Liability Board of Awards of Ohio. Member of Sigma Chi and Phi Delta Phi. House address, 1185 Andrews Avenue, Lakewood, Ohio.

Sedgwick, Edgar Crayton Electrical
M. E. in E. E. 1895 Engineer
Y. M. C. A., Columbus, Ohio

Born in Granville, Ohio, September 9, 1870. Married Flora Shattuck, October 20, 1906. Attended the Ohio State University, 1890-95, one year preparatory, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering. Draftsman, Blandy Machine Company, Zanesville, Ohio, 1895-98; Draftsman, Case Manufacturing Company, Columbus, Ohio, 1898-08, in charge of estimating, and for three years, Chief Engineer. Since 1908, Educational Secretary, Young Men's Christian Association, Columbus, Ohio. House address, 429 Fairwood Avenue, Columbus, Ohio.

Selby, Augustine Dawson Botanist
B. Sc 1893
Ohio Agricultural Experiment Station, Wooster, Ohio

Born in Bern Township, Athens County, Ohio, September 2, 1859. Married Libbie Glover, December 15, 1883. Attended the Ohio State University, 1879-83, 1892-93, and was graduated in June 1893, with the degree, Bachelor of Science; attended Washington University, St. Louis, Mo., one-half Semester, 1901; attended Columbia University, 1902-04. Superintendent of Schools, Huntington, W. Va., 1884-86; Principal of High School, Ironton, Ohio, 1886-87; Teacher of Botany in High School, Columbus, Ohio, 1890-94; Botanist and Chemist, Ohio Agricultural and Experiment Station, 1894-02. Since 1902, Botanist, Ohio Agriculture & Experiment Station. Collaborator, Bureau of Plant Industry, U. S. Department of Agriculture. Has contributed articles to Bulletins of Ohio Experiment Station, including Second Ohio Weed Manual, pp. 80, pls. 5, 1906, and written a brief handbook of the Diseases of Cultivated Plants in Ohio, pp. 150, VII., 1910. Also, papers in Botanical journals. Member of Masonic Order, Botanical Society of America, Botanical Society of Central States, Ohio Horticultural Society (Chairman of Committee on Veg. Path., 1895), Ohio Academy of Science (President, 1901); Columbus Horticultural Society (Secretary, 1888-89, 1891-94); St. Louis Academy, American Phytopath Society (President, 1911), New York Academy of Science (Torr. Bot. Club), Century Club and University Club, Wooster, Ohio, and Phi Kappa Psi.

Selby, Warren Fowke Attorney
B. A. 1909
LL. B. (Western Reserve University) 1912
Wooster, Ohio

Born at Columbus, Ohio, February 26, 1889. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts; attended Western Reserve University three years and received the degree, Bachelor of Laws in 1912. Member of Masonic Lodge and of Theta Lambda Phi.

Sellenings, Albert Eugene Physician and
B. Ph. 1896 Surgeon
M. D. (University and Bellevue Hospital Medical College) 1899
104 East 31st Street, New York City

Born in Chillicothe, Ohio. Married Florence Corner, November 25, 1902. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy; attended University and Bellevue Hospital Medical College (Medical Department, New York University), 1896-99, and was graduated in 1899, with the degree, Doctor of Medicine. Interne, Bellevue Hospital, New York City, 1900-02; Instructor in Operative Surgery, New York Post Graduate School, 1903-05; Demonstrator of Anatomy, University and Bellevue Hospital Medical College, 1903-10; Assistant Visiting Surgeon to Gouverneur Hospital, New York City, 1903-09; Chief of Surgical Clinic, Gouverneur Hospital, 1903-09. Since 1909, Visiting Surgeon, Gouverneur Hospital. At present engaged in practice of Medicine and Surgery, New York City. Has made frequent contributions to current

medical publications since 1905 and is author of "Modified Operation for Inguinal Hernia." Member of Society of Alumni of Bellevue Hospital, New York County Medical Society, Medical Association of Greater City of New York, Eastern Medical Association, Ohio State Alumni Association of New York, Graduates' Club, Ohio Society and of Phi Alpha Sigma and Chi Phi.

Sellenings, Florence Corner
(Mrs. Albert E. Sellenings)
B. Ph. 1897
104 East 31st Street, New York City

Born in Columbus, Ohio. Married Albert E. Sellenings, November 25, 1902. Attended the Ohio State University, 1893-97, and was graduated in June 1897, with the degree, Bachelor of Philosophy. Member of Women's Municipal League of New York City, New York Alumnae Association of Kappa Kappa Gamma, Daughters of Ohio in New York and of Kappa Kappa Gamma.

Sells, Stanley Needels Credit Man
B. A. 1911
J. H. & F. A. Sells Company,
Columbus, Ohio

Born in Columbus, Ohio, March 18, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Credit Man with J. H. & F. A. Sells Company, Columbus, Ohio. Member of Sons of the American Revolution and Delta Tau Delta. House address, 91 Winner Avenue, Columbus, Ohio.

Serva, Adam Amos Sales Engineer
M. E. in E. E. 1893
Fort Wayne Electric Works,
Fort Wayne, Indiana

Born at North Industry, Ohio, January 15, 1869. Was married September 15, 1896. Attended the Ohio State University from January, 1890 to June 1893, and was graduated in June 1893, with the degree, Mechanical Engineer in Electrical Engineering. Assistant Engineer to Board of Awards, World's Columbian Exposition, Chicago, August, 1893 to January 1894; Foreman of Experimental Telephone Laboratory, S. D. McKelvey, Canton, Ohio, March, 1894 to July 1894; Organizing Telephone Company, Canton, Ohio, July 1894 to November 1894; Electrical Expert and Salesman, Fort Wayne Electric Corporation, Ft. Wayne, Indiana, November, 1894 to August 1898, representing that firm at Fort Wayne, Philadelphia, Pa., and Boston, Mass. Electrical Expert and Salesman, General Electric Company, New York, August, 1898 to May 1899; Assistant to Sales Manager, Fort Wayne Electric Works, Fort Wayne, Indiana, May, 1899 to June 1910; Assistant Sales Manager, June, 1910 to March 1911; Assistant Secretary, February 1903 to June 1911, and since March 1911 Sales Manager with that company. Published an article on "Notes on Induction Integrating Wattmeters and their Use," in September 1904. Member of Elks Lodge and Phi Gamma Delta. House address, 2420 Hoagland Avenue, Fort Wayne, Indiana.

Seymour, Raymond Jesse Professor
B. Sc. 1900 M. Sc. (Tufts College) 1901
Ohio State University, Columbus, Ohio
M. D. (Ohio Medical University) 1904

Born at Groveport, Ohio, in 1878. Married Zula Merriman in 1908. Attended the Ohio State University, 1895-00, and was graduated in June 1900, with the degree, Bachelor of Science; attended Tufts College, 1900-01, and received the degree, Master of Science, in 1901; attended Ohio Medical University, 1901-04, and received the degree, Doctor of Medicine, in 1904; attended University of Chicago, 1909. Fellow at Tufts College, 1900-01; Assistant in Pathology, Ohio Medical University, 1901-03; Fellow, Ohio State University, 1903-04; Assistant in Anatomy and Physiology, ibid., 1904-06; Instructor, ibid.,

1906-08; Assistant Professor, ibid., 1908-09. Since 1909, Associate Professor of Anatomy and Physiology, Ohio State University. Member of American Association for Advancement of Science and Alpha Kappa Kappa.

Shade, Ernest Franklin Teacher
B. A. 1910
Medina, Ohio

Born at Bath, Ohio, January 18, 1883. Attended the Ohio State University, 1903-05 and 1908-09, and Summers of 1906, 1907, 1908, 1909, 1910, and was graduated in June 1910, with the degree, Bachelor of Arts. Grade and High School Teacher at Bath, Ohio, five years. Since 1910, Science Teacher, Medina High School, Medina, Ohio. Member of Ohio Academy of Science, Central Association of Science and Mathematics Teachers, including American Federation of Science and Mathematics Teachers, Ohio High School Teachers' Association.

Shaffer, Francis Henry Chemist
B. A. 1910
Strong, Cobb & Co., Cleveland, Ohio

Born at Cleveland, Ohio, September 30, 1886. Attended Case School of Applied Science, one year; attended Ohio State University, 1906-11, and was graduated in June 1910, with the degree, Bachelor of Arts. With The General Electric Compnay, Schenectady, New York, 1905-06; with The Electric Meat Curing Company, Cleveland, Ohio, July 1910 to June 1911. At present, Analytical Chemist, with Strong, Cobb & Company, Cleveland, Ohio. Member of Acacia. House address, 1580 Addison Road N. E., Cleveland, Ohio.

Shannon, Francis William James
Mercantile Business, Furniture
LL. B. (Georgetown University) 1904
Shannon Furniture Company,
Columbus, Ohio

Born at Middleport, Ohio, June 26, 1883. Attended the Ohio State University, 1901-03; attended Georgetown University two years, and was graduated in 1904, with the degree, Bachelor of Laws. At present, Secretary, Shannon Furniture Company, Columbus, Ohio. Member of Elks Lodge, Knights of Columbus and Sigma Chi, Phi Delta Phi and Theta Nu Epsilon. House address, 1688 East Broad Street, Columbus, Ohio.

Sharon, John Cunningham Student
B. A. 1911
Ohio State University, Columbus Ohio

Born at Cadiz, Ohio, March 22, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Arts. Now enrolled in the College of Law, Ohio State University. Member of Delta Tau Delta, Phi Delta Phi and Gamma Phi.

Sharp, Charles C. Civil Engineer
C. E. 1888
The Gauley Coal Company,
Nelsonville, Ohio

Born in Fairfield County, Ohio, February 10, 1861. Married Cora Blake, April 2, 1894. Attended the Ohio State University, 1883-88, two years preparatory, and was graduated in June 1888, with the degree, Civil Engineer. Leveler, Scioto Valley Railway, 1888-89; Assistant Engineer, Columbus & Hocking Coal & Iron Company, 1889-91; County Surveyor, Fairfield County, Ohio, 1890-92; Chief Engineer, Columbus & Hocking Coal & Iron Company, 1891-94; Superintendent, Sunday Creek Coal Company, 1894-98; General Superintendent, Sunday Creek Coal Company, 1898-00; General Superintendent, Boomer Coal & Coke Company, 1900-03; President and General Manager, Raven Coal & Coke Company, 1900-06. Since 1903, President and General Manager, Gauley Coal Company. General Manager Cardiff Coal Company, 1906-08; General Manager, M-B Coal & Coke Company, 1908-10; President of Bank of Gauley from 1906, and engaged in buying and selling Coal Lands since 1903. Member of American Association for Advancement

of Science, American Institute of Mining Engineers, Ohio Academy of Science, West Virginia Institute of Mining Engineers. Among his inventions are a Mine Pump and a Mine Car, on which he holds U. S. patents.

Sharts, Stanley Rush Civil Engineer
R. R. No. 2, Dayton, Ohio

Born at Dayton, Ohio, June 18, 1874. Married Bessie Ethel Bone, December 14, 1904. Attended the Ohio State University, 1892-93 preparatory, 1893-96, Fall and Winter 1896-07, in the College of Engineering. Deputy County Surveyor of Williamson County, Illinois, April 1897 to June 1898; Assistant Engineer of Construction, B. & O. S. W. R. R., June 1899 to January 1900; Special Assistant Engineer of Sewers, Dayton, Ohio, January 1900 to March 1901. Since March 1901, Assistant County Engineer of Montgomery Country, Ohio. Private, Company C, Fourth Illinois Vol. Inf., June 1898 to December 1898; Private, Company A, Second U. S. Vol. Engineers, December 1898 to June 1899. Served in Cuba during Spanish-American War. Member of Delta Tau Delta.

Shaw, Arthur H. C. Civil Engineer
C. E. 1911
The Iowa Mausoleum Co.,
Waterloo, Iowa

Born at Winchendon, Massachusetts, August 9, 1881. Married Maude E. Ricketts, June 15, 1911. Attended the Ohio State University, 1904-07, Spring 1910 and year 1910-11, and was graduated in June 1911, with the degree, Civil Engineer. Draftsman and Engineer with City Engineer, East Liverpool and Wellsville, Ohio, 1906-07; Road Map Draftsman with County Surveyor and City Engineer, New Philadelphia, Ohio, 1908; Road Engineer and Tax Map Draftsman, County Engineer, Coshocton, Ohio, 1908-09; Computer and Chief Draftsman, Sewer Department, City Engineer's Office, Kansas City, Missouri, 1909; Chief Draftsman and Engineer in charge Water and Sewer Construction, Southwestern Engr. Co., Oklahoma City, Oklahoma, 1909-10. In charge of Re-location Party, C. & O. Railway of Indiana, under Division Engineer, Cincinnati, 1910. Since 1911, Chief Draftsman and Superintendent Construction, Iowa Mausoleum Company, Waterloo, Iowa. Deputy County Surveyor, Coshocton, Ohio, 1908. Member of Acacia.

Shaw, Edward Lee Animal Husbandman
B. Sc. Agr. 1902
U. S. Department of Agriculture,
Bureau of Animal Industry,
Washington, D. C.

Born at Newark, Ohio, November 4, 1877. Married May Philo, December 22, 1904. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Science in Agriculture. Assistant in Agriculture, Missouri Experiment Station, 1902-03; Assistant Professor of Agriculture, New Hampshire College, 1903-07; Animal Husbandman, Sheep and Goat Investigations, Bureau of Animal Industry, U. S. Department of Agriculture, 1907-10; Technical Expert, U. S. Tariff Board, 1910-11. At present, Senior Animal Husbandman, Sheep and Goat Investigations, Bureau of Animal Industry, U. S. Department of Agriculture.

Shaw, Isaac Henry Veterinarian
D. V. M. 1907
State Laboratory of Hygiene,
Trenton, New Jersey

Born at West Lafayette, Ohio, August 7, 1886. Married Carrie Burris, September 7, 1907. Attended the Ohio State University, 1904-07, and was graduated in June 1907, with the degree, Doctor of Veterinary Medicine. U. S. Veterinary Inspector, Bureau of Animal Industry, Chicago, Sioux City, Milwaukee and Jersey City. At present, Veterinarian to the Board of Health of State of New Jersey.

Shawan, Robert Foster Mining Engineer
E. M. 1908
The Sunday Creek Company,
Corning, Perry County, Ohio

Born at Mt. Vernon, Ohio, November 14, 1885. Married Flora Howald, June 20, 1910. Attended the Ohio State University, 1903-04, 1905-08, and was graduated in June 1908, with the degree, Engineer of Mines. Assistant Engineer, The Lorain Coal & Dock Company, at Bridgeport, Ohio, and Hocking, Ohio, 1908-11. Since 1911, Mining Engineer, The Sunday Creek Company, over the Corning, Ohio, District. Member of Masonic Order and Delta Tau Delta. Major in Boys' Brigade of America.

Shawhan, Sylvan, H. Farmer
B. Sc. Agr. 1907
Xenia, Ohio

Born at Lebanon, Ohio, June 27, 1881. Attended Lebanon University six months of 1899-00, and six months of 1901-02; attended Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Science in Agriculture. Scientific Assistant, U. S. Department of Agriculture, Division of Zoology, Bureau of Animal Industry, Washington, D. C., 1908-09. At present, Farming near Xenia, Ohio. Member of Acacia.

Sheets, Beatrice Professor
B. A. 1907 M. A. 1908
Ohio State University, Columbus Ohio

Born at Ottawa, Ohio, in 1885. Attended the Ohio State University, 1903-07, in undergraduate work, and 1907-08 in graduate work, receiving the degree, Bachelor of Arts, in June 1907, and the degree, Master of Arts, in June 1908; attended Columbia University, 1908-09. Fellow in the Department of Economics and Sociology, Ohio State University, 1907-08; Junior Fellow, Bureau of Social Research, Russell Sage Foundation, New York City, 1908-09; also a Senior Fellow, Bureau of Social Research, Russell Sage Foundation, New York City, 1908-09; Clerk, U. S. Senate Committee on Cost of Living, 1909. At present, Instructor, Department of Economics and Sociology, Ohio State University. Member of American Economic Association and of Phi Beta Kappa. House address, 298 Woodland Avenue, Columbus, Ohio.

Shelton, Florence Elnora Teacher
B. A. 1906
Box 381, Keyser, West Virginia

Born at Cedar Lake, Michigan, in 1884. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Teacher of German in Public Schools, Columbus, Ohio, 1907-08; Teacher of German, High School, Aberdeen, South Dakota, 1909-11. At present, Teacher of German and French, Preparatory Branch, West Virginia University, Keyser, W. Va.

Shepard, Jane Armstrong Industrial Secretary
Young Women's Christian Association,
Columbus, Ohio

Born in Franklin County, Ohio, in 1886. Attended the Ohio State University, 1908-10. Artist at Art Craft Shop, Columbus, Ohio, in 1911. At present, Industrial Secretary of Young Women's Christian Association, Columbus, Ohio. Story-teller in Columbus Play Grounds, 1910. Member of College Women's Club, Columbus, Ohio. House address, 1206 East Livingston Avenue, Columbus, Ohio.

Sherman, Christopher E. Professor
C. E. 1894
Ohio State University, Columbus, Ohio

Born in Columbus, Ohio, December 28, 1869. Married Eleonora Bruning, June 22, 1897. Attended the Ohio State University, 1888-89, 1890-91, 1892-94, and was graduated in June 1894, with the degree, Civil Engineer. Chief Draftsman, Ohio Geological Survey, 1892; engaged in railroad, geological and governmental engineering, 1894-96; Chief Draftsman, Ohio Barge Canal Survey, 1895; Engineer to

Park Commission, Springfield, Ohio, and United States Assistant Engineer at Tampa, Florida, and Huntsville, Alabama, Summer of 1898; United States Assistant Engineer on Roads and Bridges, Yellowstone National Park, Summers of 1899 and 1900; Inspector, Ohio Co-operative Topographic Survey, 1902-12; President, The National Engineering Company, 1909-10; Representative of the Governors of Ohio on Topographic Survey. Connected with the Department of Civil Engineering, Ohio State University, since 1896, and at present Professor of Civil Engineering and head of the department. Among his published articles are, "Theory and Practice Lettering," 1895; Report on Topographic Survey, 1904; Highway Atlas of Ohio, 1909; Commemorative Bulletin of Civil Engineering Department, Ohio State University; Report on Topographic Survey, 1911. Member of the Columbus Engineers' Club, Ohio Engineering Society, Ohio Club, Kit-Kat Club, Society for Promotion of Engineering Education, and of Sigma Nu.

Sherman, John King Civil Engineer
C. E. 1901
641 Maple Avenue, Newport, Ky.

Born at Garrett, Indiana, November 22, 1879. Married Gussie Greener, September 11, 1906. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Civil Engineer. Assistant on Engineering Corps of Chief Engineer's Office and on Pittsburgh and Cincinnati Divisions of Pennsylvania Lines; Assistant Division Engineer on Richmond and Cincinnati Divisions of Pennsylvania Lines West of Pittsburgh. At present, Assistant Division Engineer on Cincinnati Division of Pennsylvania Lines West of Pittsburgh.

Sherwood, Frank Porter Telephone Engineer
Bell Telephone Co.,
St. Louis, Missouri

Born at Ashtabula, Ohio, September 21, 1879. Married Clara Hopkins, December 25, 1900. Attended the Ohio State University, 1897-00, in the College of Engineering. At present, Wire Chief, Bell Telephone Company of Missouri. House address, 1336 Semple Avenue, St. Louis, Mo.

Shield, Wallace Bates Attorney
B. A. 1898
LL. B. (Kansas City School of Law) 1902
1221 Woodland Avenue,
Kansas City, Missouri

Born at Greencastle, Sullivan County, Missouri, October 27, 1876. Attended the Ohio State University, 1895-98, and was graduated in June 1898, with the degree, Bachelor of Arts; attended Columbia University as Fellow, October 1904 to January 1905, Kansas City School of Law, 1899-02, and received the degree, Bachelor of Laws, in 1902. Professor of History and Political Science, Manual Training High School, Kansas City, Missouri, 1899-04. Since 1903, Attorney and Notary, Kansas City, Mo. Has written an article on "Henry VIII., as Head of the English Church," in competition for Herbert Baxter Adams prize, 1909, and "The Alabama Claims," in competition for Justin Winsor prize, 1910. Member American Political Science Association, 1906-10, American Historical Association, since 1907, Kansas City Bar Association since 1905. Held Fellowship in International Law, Columbia University, 1904-05.

Shields, Richmond Lee Professor
B. Sc. Agr. 1907
Agricultural and Mechanical College,
Agricultural College, Mississippi

Born at Watkins, Union County, Ohio. Married Edna Louise Duncan. Attended Ohio Wesleyan University, 1899-01; attended Ohio State University, 1902-03, 1904-07, and was graduated in June 1907, with the degree, Bachelor of Science in Agriculture. Assistant in Agricultural Extension, Ohio State University, 1907-09; Instructor in Animal Husbandry, ibid., 1909-10; Associate Professor of Animal Husbandry, ibid., 1910-11. Since January 1, 1912, Professor of Animal Husbandry, Agricultural and Mechanical College, Mississippi. Member of Delta Tau Delta.

Shigley, Anna Belle Teacher
B. Sc. (National Normal University) 1893
B. A. 1907
425 Gaston Place,
East Liverpool, Ohio

Born in Lima, Ohio. Attended National Normal University, Lebanon, Ohio, 1885-86, 1892-93, and received the degree, Bachelor of Science in 1893; attended University of Chicago in 1898; attended Ohio State University, 1899-00, and the Winter and Spring of 1907, receiving the degree, Bachelor of Arts, in June 1907. Teacher in Elementary Schools and later in High School, Jamestown, Ohio; Teacher in High School at Cedarville, Ohio, and in Beavercreek Township, Greene County, Ohio; Teacher in East Liverpool High School and at present Teacher of English in East Liverpool High School, East Liverpool, Ohio.

Shilling, Ida May Teacher
B. Sc. Dom. Sci. 1910
Missouri State Normal,
Cape Girardean, Missouri

Born at Troy, Ohio, September 19, 1878. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Science in Domestic Science. Assistant in Department of Domestic Science, Ohio State University, 1910-11. At present, Instructor in Domestic Art and in Chemistry (food analysis) Missouri State Normal School.

Shira, Austin Flint Scientific Assistant
B. A. 1910
U. S. Fisheries Station,
Homer, Minnesota

Born at La Rue, Ohio, January 26, 1888. Married Pearl C. Kitzman, November 11, 1911. Attended Ohio Wesleyan University, 1906-07; attended Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Fellow in Department of Entomology and Zoology, Ohio State University, 1910-11; withdrew from the University September 1910, to accept government position as Scientific Assistant at U. S. Fisheries Station, Homer, Minnesota, which position he now holds. Member of American Fishieries Society, American Association for the Advancement of Science and of Alpha Tau Omega.

Shoemaker, Carl David Attorney, Journalist
B. A. 1904 LL. B. 1907
Roseburg, Oregon

Born at Napoleon, Ohio, June 20, 1882. Married Loa E. Turney, July 27, 1907. Attended the Ohio State University, 1900-04, in the College of Arts, and was graduated in June 1904, with the degree, Bachelor of Arts; 1904-07, in the College of Law, and received the degree, Bachelor of Laws, in June 1907. Practiced law with the firm of Watson, Stouffer & Davis, June 1907 to January 1911. Practicing Attorney, Columbus Savings & Trust Building, Columbus, Ohio, January 1911 to January 1912. At present, Editor and Owner of "The News," Roseburg, Oregon. Member of Masonic order, Odd Fellows, Moose, Delta Tau Delta and Acacia.

Shore, Ben Edwards Chemist
B. A. 1911
E. I. Dupont De Nempurs Powder Co.,
Bay City, Michigan

Born at Dresden, Ohio, April 4, 1886. Attended the Ohio State University, 1907-10, and Summer of 1910, and was graduated in June 1911, with the degree, Bachelor of Arts. Chemist, Experimental Station of Dupont Powder Company, Wilmington, Delaware, several months. At present, Chief Chemist, E. I. Dupont De Nemours Powder Company, Bay City, Mich. Member Masonic Order.

Shotwell, Abel Vail Attorney
601-604 New Omaha National Bank
Building, Omaha, Nebraska

Born at Marengo, Ohio, January 7, 1883. Married Hilda E. Condron, June 22, 1907. Attended Ohio Wesleyan University, 1900-01; entered Ohio State University Fall of 1901 in College of Arts, 1902-05, in College of Law, and received a Cer-

tificate in Law in June 1905. Practicing Attorney with the firm of Lambert, Shotwell & Shotwell, 601-604 New Omaha National Bank Building, Omaha, Nebraska. President of Nebraska Taft League, 1908-09. Member of University Club of Omaha, Omaha Field Club, Treasurer, Omaha Bar Association, member of Sigma Chi. House address, 3622 Mason Street, Omaha, Nebraska.

Shuffelton, Sarah Bryarly Gordon
(Mrs. Frank A. Shuffelton)
B. Ph. 1902
St. Mary's, Ohio

Born at St. Mary's, Ohio, June 21, 1879. Married Frank Albie Shuffelton, March 31, 1903. Attended the Ohio State University, 1897-00, 1901-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy; attended Wellesley College, 1900-01.

Shuler, Frank Berger Student
B. A. 1908
Philadelphia Textile School,
Philadelphia, Pa.

Born at Hamilton, Ohio, May 20, 1885. Attended Philadelphia Textile School, three years, regular course; Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. With Miami Woolen Mills (Shuler & Benninghofen), Hamilton, Ohio. At present attending Philadelphia Textile School, and will finish the course in June 1912. Member of Phi Psi and Sigma Phi Epsilon. Home address, 712 East Dayton Street, Hamilton, Ohio.

Shuler, William, Jr. Student Engineer
B. A. (Western Reserve University) 1908
M. E. in E. E. 1911
Westinghouse Electric & Mfg. Co.,
Pittsburgh, Pa.

Born at Miamisburg, Ohio, December 26, 1886. Attended Western Reserve University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts; attended Ohio State University, 1909-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. Instructor in Science, Gallipolis Academy High School, Gallipolis, Ohio, 1908-09. At present, Student Engineer with Westinghouse Electric & Manufacturing Company. Member of American Institute of Electrical Engineers, Beta Theta Pi and Eta Kappa Nu. House address, 812 Walnut Street, Swissvale, Pennsylvania.

Siebert, Annie Ware Sabine
(Mrs. Wilbur H. Siebert)
B. A. 1884 M. A. 1886
B. Sc. (Massachusetts Institute of Technology) 1888
182 West Tenth Avenue,
Columbus, Ohio

Married Wilbur Henry Siebert, August 16, 1893. Attended the Ohio State University, 1878-84, and was graduated in June 1884, with the degree, Bachelor of Arts; received the degree, Master of Arts in 1886. Attended Massachusetts Institute of Technology and received the degree, Bachelor of Science, in 1888.

Siebert, Wilbur Henry Professor
B. A. 1888
B. A. (Harvard University) 1890
M. A. (Harvard University) 1890
Ohio State University, Columbus Ohio

Born in Columbus, Ohio, August 30, 1866. Married Annie W. Sabine, August 16, 1893. Attended the Ohio State University, 1883-88, and was graduated in June 1888, with the degree, Bachelor of Arts; attended Harvard University, 1888-90, and received the degrees, Bachelor of Arts and Master of Arts, in 1890; attended Freiburg (Baden) and Berlin, 1890-01. Associate Professor of European History, Ohio State University, 1898-02. Since 1902, Professor of European History, Ohio State University; Lecturer in History, Ohio Wesleyan University, Delaware, Ohio, 1907-08. Among his publications are,

"The Underground Railroad from Slavery to Freedom," 1898-99; "The Government of Ohio," 1904; Report on Collections of Material in the Libraries of the United States, 1905; "The Value of Professional Leaves of Absence," in the Ohio State University Quarterly, April, 1911; "The Loyalists in Prince Edward Island," in Transactions, Royal Society of Canada, 1910; "The Flight of American Loyalists to the British Isles" (pamphlet), 1911. Member of American Historical Association, American Academy of Political and Social Science, Bibliological Society of America, Harvard Club of Central Ohio, Ohio Club, Phi Beta Kappa and Beta Theta Pi. President First Neighborhood Guild (social settlement), Member of National Council of The National Economic League.

Sigerfoos, Charles Peter Professor
B. Sc. 1889
D. Ph. (Johns Hopkins University) 1897
University of Minnesota
Minneapolis, Minnesota

Born near Arcanum, Ohio, May 4, 1865. Attended the Ohio State University, 1883-85, preparatory, 1885-89, collegiate, and was graduated in June 1889, with the degree, Bachelor of Science; attended Johns Hopkins University, 1892-97, and received the degree, Doctor of Philosophy, in 1897. Assistant in Zoology, Ohio State University, 1889-91; Instructor in Biology, University of Virginia, 1891-92; Assistant in Zoology, Johns Hopkins University, 1894-97; Assistant Professor of Animal Biology, University of Minnesota, 1897-00. Since June 1900, Professor of Zoology, University of Minnesota. Member of American Zoologists, American Naturalists, Phi Beta Kappa, Beta Theta Pi and Sigma Xi.

Sigerfoos, Edward Officer U. S. Army
B. Ph. 1891 Captain and Adjutant
LL. B. and LL. M. (University of Minnesota) 1908 and 1909
War Department, Washington, D. C.

Born at Potsdam, Miami County, Ohio, December 14, 1868. Married Opal Robeson, December 26, 1895. Attended the Ohio State University, 1885-91, and was graduated in June 1891, with the degree, Bachelor of Philosophy; attended University of Minnesota, 1905-09, and received the degrees, Bachelor of Laws in 1908, and Master of Laws in 1909. Was appointed Second Lieutenant, Fifth U. S. Infantry, August 1, 1891; First Lieutenant, April 26, 1898; Captain, February 2, 1901; Adjutant Fifth U. S. Infantry, September 6, 1901 to September 6, 1905; Professor of Military Science and Tactics, University of Minnesota, 1905-09. Since July 13, 1910, Adjutant Fifth U. S. Infantry. Served with the U. S. Army in Cuba from August 26, 1898 to September 27, 1899, and from October 7, 1906 to November 12, 1906. Served with the U. S. Army in Philippines from August 21, 1899 to September 12, 1903. Has written an article on "Trial by Jury in the Philippines," U. S. Military Service Institution, October 1908. Was "Honor Graduate," United States Infantry and Calalry School, Fort Leavenworth, Kansas, 1895. Member of Masonic Order, Beta Theta Pi and Phi Beta Kappa.

Sill, Edgar Townsend Electrical Engineer
M. E. in E. E. 1904
Erecting Department, Westinghouse Electric & Manufacturing Co.,
Pittsburgh, Pennsylvania

Born at Ashland, Nebraska, October 18, 1880. Attended the Ohio State University four years, and was graduated in June 1904, with the degree, Mechanical Engineer in Electrical Engineering. Apprentice with Westinghouse Electric & Manufacturing Company, 1904-06. Since 1906, Erecting Department of same company. Member of Phi Kappa Psi.

Simonton, Mark Electrical Engineer
M. E. in E. E. 1895
The Simonton Construction Co.,
323 Columbus Savings & Trust Bldg.,
Columbus, Ohio

Born in Columbus, Ohio, December 27, 1873. Married Sue B. Gunning, November

11, 1900. Attended the Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering. Manager of The Simonton Construction Company, 323 Columbus Savings & Trust Building, Columbus, Ohio. House address, 324 Linwood Avenue, Columbus, Ohio

Simpson, Warner Pike Lithographer
B. Ph. 1903 and Printer
Sears & Simpson Co.,
116 W. Spring St., Columbus, Ohio

Born in Columbus, Ohio, January 16, 1882. Was married in July 1906. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Philosophy. Vice-President, The Sears & Simpson Company, Columbus, Ohio.

Sims, Ray Architect
C. E. in Arch. 1911
243 East Rich Street, Columbus, Ohio

Born in Columbus, Ohio, February 10, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Civil Engineer in Architecture. With the Ohio State University Architect. Member of Beta Theta Pi.

Singer, Lewis Parmerlee
Chemist, Clay Products
Lincoln, Placer County, California

Born at Lewisburg, Ohio, February 5, 1880. Married Hattie Ayer Hutchins, December 6, 1905. Attended the Ohio State University, 1899-03, completing short course, and taking special work in Ceramics. With The Mischler Novelty Company, Ravenna, Ohio, six months. At present, Ceramic Chemist, with Gladding, McBean & Company, manufacturers of clay products, Lincoln, California.

Singer, Roland Preston Electrical Engineer
M. E. in E. E. 1910
Philadelphia Rapid Transit Co.,
Philadelphia, Pa.

Born at Lewisburg, Preble County, Ohio, May 5, 1887. Attended Ohio Northern University, Ada, Ohio, one year; attended Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Mechanical Engineer in Electrical Engineering. With Dayton Malleable Iron Company, Dayton, Ohio, three months; Apprentice in Shops of Boher Electric Automobile Company, Cleveland, Ohio, four months; with The Hydraulic Power Company, Niagara Falls, New York, November 1910 to September 1911. At present, Electrical Draftsman, Philadelphia Rapid Transit Company, Philadelphia, Pa.

Singleton, Anna Teacher
B. Sc. Edu. 1909
New Carlisle, Ohio

Born in Columbus, Ohio, in 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Education. At present, teacher, Bethel Township High School.

Skiles, Blanche
(See Blanche Skiles Green)

Skiles, Roscoe Carleton Attorney
LL. B. 1901
Skiles, Green & Skiles, Shelby, Ohio

Born at Shelby, Ohio, October 18, 1878. Married Isabel Brown Fullington, October 3, 1901. Attended the Ohio State University, 1896-98, in College of Arts, and 1898-01, in College of Law and was graduated in June 1901, with the degree, Bachelor of Laws. At present practicing attorney with firm Skiles, Green & Skiles, Shelby, Ohio. Mayor of Shelby, Ohio, 1903-08. Member of Beta Theta Pi and Phi Delta Phi.

Skinner, Charles Edward
M. E. 1890
Mechanical Engineer, Research
Westinghouse Electric & Manufacturing Co., Pittsburgh, Pa.

Born in Redfield, Perry County, Ohio, May 30, 1865. Married Gladys McVay, April 25, 1893. Attended Ohio University,

Athens, Ohio, 1884-85; attended Ohio State University, 1885-90, and was graduated in June 1890, with the degree, Mechanical Engineer. With Columbus Cash Register Company, June 1890 to August 1890; has occupied various positions with Westinghouse Electric & Manufacturing Company: in Laboratory; Inspection and Testing; Designer of Insulation; in charge of Insulation Division and Research Division since August 15, 1890. At present, Engineer of Research Division, Westinghouse Electric & Manufacturing Company. Has written numerous articles on Insulation, Testing, Research Work, etc., for various journals and societies. Member of American Institute of Electrical Engineers, American Society Testing Materials, International Association for Testing Materials, Franklin Institute, Engineering Society of Western Pennsylvania, Pittsburgh Academy of Science and Art and of Beta Theta Pi and Sigma Xi. Home address, 1309 Singer Place, Wilkinsburg, Pa.

Skinner, James Graden Attorney
LL. B. (Chicago Law School) 1898
LL. B. (Illinois College of Law) 1899
LL. D. (Illinois College of Law) 1901
Corporation Counsel's Office,
City Hall, Chicago, Illinois

Born at Portersville, Ohio, January 22, 1870. Married Ida Baird, December 26, 1894. Attended the Ohio State University, 1888-92; attended Chicago Law School, 1896-98, and was graduated in 1898, with the degree, Bachelor of Laws; attended Illinois College of Law, 1898-99, and received the degree, Bachelor of Laws, in 1899, and the degree, Doctor of Civil Law, in 1901. Instructor in Law of Real Property and Wills, Illinois College of Law, 1900-05; Instructor in Law of Real Property, Hamilton College of Law, 1910-11; at present, Assistant Corporation Counsel, City of Chicago, Ill. Author of a "Quiz Book on Real Property," 1901. Member of Chicago Bar Association and City Club of Chicago.

Slade, Lester P. Civil Engineer
C. E. 1911
91 Rugby Avenue, Rochester, N. Y.

Born at West Hoosick, New York, December 15, 1887. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Civil Engineer. Timekeeper, Walter A. Wood Mowing & Reaping Machine Company, Hoosick Falls, New York, Summers of 1907, 1908, 1909, 1910; Chainman and Rodman for State of New York, Department of State Engineer and Surveyor, Barge Canal and Highway Work. At present, Rodman, State of New York Barge Canal. Member of Delta Upsilon.

Slate, William L. Jr. Professor
B. Sc. Agr. 1909
University of Maine, Orono, Maine

Born in Norwalk, Ohio, in 1884. Attended the Ohio State University, 1904-06, Fall Term 1906, 1908-09, and was graduated in June 1909, with the degree, Bachelor of Science in Agriculture. Assistant in Agronomy, New Hampshire College and Experiment Station, 1909-10; Instructor in Agronomy, ibid. 1910-11; Assistant Professor of Agronomy, ibid. 1911. At present, Associate Professor of Agronomy, University of Maine. Member of American Society of Agronomy and of Alpha Gammo Rho.

Sloan, Norton Quincy Civil Engineer,
C. E. 1907 Construction
242 Sunset Avenue, Dayton, Ohio

Born at Chicago, Illinois, January 14, 1885. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer. At present, Superintending reinforced concrete construction, Dayton, Ohio.

Sloctemyer, Carl Frederic Sales Engineer
B. A. (St. Xavier College) 1898
M. E. in E. E. 1903
LL. B. (McDonald Educational Institute) 1912
General Electric Co., Cincinnati, Ohio

Born at Cincinnati, Ohio, August 25,

1880. Attended St. Xavier College, Cincinnati, Ohio, and was graduated in 1898, with the degree, Bachelor of Arts; attended Ohio State University, 1898-01 and 1902-03, and was graduated in June 1903, with the degree, Mechanical Engineer in Electrical Engineering; attended Night Law School, McDonald Educational Institute, Cincinnati, Ohio, and received the degree, Bachelor of Laws, in 1912. Draftsman, Jantz & Leist Electric Company, Cincinnati, Ohio, 1901-02; in charge Switchboard department, Jeffrey Mfg. Company, Columbus, Ohio, 1903-05; Engineering Department of Cincinnati Traction Company, power plant work, and engaged in Great Spy Run and Lindenwald stations design and erection, 1905-06. At present, Commercial Engineer and Sales Agent, General Electric Company, Cincinnati, Ohio. Author of "The Economy and Convenience of Electricity as a Motive Power in the Box Shop," published in March 1911; "Packages and the Barrel and Box." Member of Knights of Columbus, Order of Alhambra and the Toledo Yacht Club. House address, 2872 Madison Road, Hyde Park, Cincinnati, Ohio.

Smart, Lucy Allen
(Mrs. George Smart)
B. A. 1897 M. A. 1900
10608 Massie Avenue, Cleveland, Ohio

Born at Steubenville, Ohio, January 12, 1877. Married George Smart, June 25, 1901. Attended the Ohio State University, 1891-93, preparatory department, 1893-97, in College of Arts, and was graduated in June 1897, with the degree, Bachelor of Arts; graduate student, 1897-00, and received the degree, Master of Arts, in 1900; attended Harvard University, Summer session of 1899. Assistant, Ohio State University Library, 1897-01. Member of Daughters of American Revolution and Kappa Kappa Gamma.

Smead, Annie Elizabeth Teacher
B. A. 1904 M. A. 1907
624 Nessle Street, Toledo, Ohio

Born in Columbus, Ohio, October 22, 1881. Attended the Ohio State University, 1900-04, 1904-05, was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1907, with the degree, Master of Arts. Since 1905, Teacher of Physiology, High School, Toledo, Ohio.

Smith, Albertine Charlleen Teacher
B. Ph. 1900
343 King Avenue, Columbus, Ohio

Born in Philadelphia, Pa., October 14, 1875. Attended the Ohio Wesleyan University, 1894-96; attended Ohio State University, 1897-00, and was graduated in June 1900, with the degree, Bachelor of Philosophy. Since 1900, Teacher in Public Schools, Columbus, Ohio.

Smith, Carl Clyde Principal Academy
B. Ph. 1890
Socorro, New Mexico

Born at Chesterhill, Ohio, October 27, 1866. Attended the Ohio State University, 1885-90, and was graduated in June 1890, with the degree, Bachelor of Philosophy. Since graduation he has been engaged in High School and College preparatory work. At present, Principal of Academic Department, New Mexico School of Mines, Socorro, New Mexico. Member of Chi Phi.

Smith, Carl Joseph Mechanical Engineer,
M. E. 1905 Steam Expert
Inland Steel Co., Indiana Harbor, Ind.

Born in Columbus, Ohio, April 8, 1882. Married Mabel E. Scott, September 1, 1908. Attended the Ohio State University, 1901-05, and was graduated in June, 1905, with the degree, Mechanical Engineer. Assistant to Chief Engineer, Scioto Valley Traction Company, Columbus, Ohio, July to November 1905; Steam Expert, American Steel & Wire Company, Cleveland, Ohio, December 1905 to March 1911. At present, Steam Engineer for Inland Steel Company, Indiana Harbor, Indiana. House address, 3432 Fir Street, Indiana Harbor, Indiana.

Smith, Clyde C. Civil Engineer
C. E. 1911
2140 Lafayette Avenue, St. Louis, Mo.

Born at Groveport, Ohio, March 13, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Civil Engineer. At present, in Experimental Laboratory of Unit Construction Company, St. Louis, Mo.

Smith, Ethel Marie
B. A. 1909
Rome, Ashtabula County, Ohio

Born in Rome, Ohio, January 17, 1879. Attended the Ohio State University three years and three Summers, 1904-06, 1908-09, Summers 1906, 1907, 1908, and was graduated in June 1909, with the degree, Bachelor of Arts. Teacher in Fifth Grade, Ashtabula, Ohio, 1906-08; Teacher of Physiography, Botany, Physiology, Stevens Point, Wisconsin, 1909-11. Has published an article on, "A Study of Volcanic Topography," Journal of Geography, Vol. VIII., No. 3. Member of the Ohio Academy of Science and American Ornithological Union.

Smith, Harry Ford Mechanical Engineer
M. E. 1902
The Smith Gas Power Co.,
Lexington, Ohio

Born at Columbus Grove, Ohio, October 29, 1877. Married Carrie E. Hainer, September 9, 1903. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Mechanical Engineer. At present, Secretary and Manager, The Smith Gas Power Company, Lexington, Ohio. Member of Ohio Society E. M. and S. Engineers, National Gas and Gasoline Engine Trades Association, American Society of Mechanical Engineers, Sigma Xi.

Smith, Howard Dwight Architect
C. E. in Arch. 1907
527 Fifth Avenue, New York City

Born at Dayton, Ohio, February 21, 1886. Married Myrna T. Cott, January 24, 1912. Attended Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Civil Engineer in Architecture; attended Columbia University and was graduated with the degree, Bachelor of Architecture, in 1910. With U. S. Government Architect, 1909; Foreign Travelling Fellow in Architecture from Columbia University, 1911. Since 1910, with John Russell Pope, Architect, New York City. Member of Sigma Alpha Epsilon.

Smith, John Albert Merchant
B. A. 1905
Arcanum, Ohio

Born at Arcanum, Ohio, April 18, 1882. Married Frances Burnett, June 28, 1905. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Bachelor of Arts. At present, Dealer in Leaf Tobacco. President, Arcanum Library Association, Secretary, Arcanum Chautauqua Association, member of Alpha Tau Omega.

Smith, Mabel Elsie Teacher
Unionville Center, Union County, Ohio

Born at Bartlett, Washington County, Ohio, November 14, 1880. Attended the Ohio State University, 1902-04, and received a Certificate in Pharmacy in June 1904. At present, Teacher in Public Schools, Unionville Center, Ohio.

Smith, Milton Howard Mining Engineer,
E. M. 1911 Assayer
Chloride, Sierra County, New Mexico

Born at Bluffton, Ohio, February 20, 1888. Attended the Ohio State University, 1906-08, 1909-11, and was graduated in June 1911, with the degree, Engineer of Mines. With The Columbus Iron & Steel Company, Columbus, Ohio, eight months; with The Montreal (iron) Mining Company, Hurley, Wisconsin, sixteen months. Since July 1, 1911, Assayer for U. S. Treasury Mining Company (gold, silver), Chloride, New Mexico.

Smith, Myron Alphonso Contractor
B. Ph. 1892 and Builder
1183 E. Long Street, Columbus, Ohio

Attended the Ohio State University, 1885-87, preparatory, 1887-89, 1890-92, and was graduated in June 1892, with the degree, Bachelor of Philosophy. Building Contractor, Columbus, Ohio.

Smyth, Lumina Cotton Riddle Curator
(Mrs. Bernard Bryan Smyth)
B. Sc. 1897 M. Sc. 1898 Ph. D. 1905
106 East Twelfth Street, Topeka, Kas.

Born at Woodstock, Champaign County, Ohio, March 18, 1871. Married Bernard Bryan Smyth, June 12, 1906. Attended the Ohio State University, 1885-86, 1893-97, and was graduated in June 1897, with the degree, Bachelor of Science; 1897-98, and received the degree, Master of Science in June 1898; 1902-03, 1904-05, received the degree, Doctor of Philosophy, in June 1905. Assistant, Ohio Agricultural and Experiment Station, Wooster Ohio, 1896; Instructor, Akeley Institute, Grand Haven, Michigan, 1899-00; Teacher, Natural History, Washburn College, Topeka, Kansas, February to June 1901; Teacher, Natural History, Atchison County High School, Effingham, Kansas, 1901-02; Teacher, Natural History, Washburn College, Topeka, Kansas, 1903-04. At present, Assistant Curator, Goss Ornithological Collection and Kansas State Museum of Natural History, Topeka, Kansas. Among her published articles are, "Embryology of Alyssum," November 1898, Botanical Gazette; "Notes on Philotria Canadensis," Ohio Naturalist; "Embryology of Batrachium and Staphylea," Ohio Naturalist; "Algae of Sandusky Bay," Ohio Naturalist; "Algae of Brush Lake, Protozoa of Brush Lake"; "Life History of Toxoptera Graminea, Cassida Bivittata," Kansas Farmer, May-June, 1907. Member of Ohio Academy of Science, American Association for Advancement of Science, American Microscopical Society and Sigma Xi. State Secretary, Kansas Branch, American National Red Cross, 1907-11; State Agent for Red Cross Christmas Seal in Kansas, 1908-12; member of Kansas Authors' Club; Ex-President, Music Study Club, member Kansas Academy of Science, Kansas State Horticultural Society; Secretary, Shawnee County Equal Suffrage Association.

Snively, Harry Hamilton Physician
B. A. 1895 M. A. 1903
M. D. (Ohio Medical University) 1902
1368 North High St., Columbus, Ohio

Born at Brownsville, Ohio, September 11, 1868. Married Florence M. Knowlton, August 15, 1905. Attended the Ohio State University, 1890-95 and 1902-03, and was graduated in June 1895, with the degree, Bachelor of Arts, and in June 1903, with the degree, Master of Arts; attended Ohio Medical University, 1899-1902, and received the degree, Doctor of Medicine, in 1902; attended Rush Medical College, 1899-00. Member of Faculty Starling Ohio Medical College, and lecturer on Obstetrics, 1907 to the present time; Lecturer on Physiology, Ohio State University, 1905-06. At present, practicing medicine, Columbus, Ohio. Major, Medical Corps, Ohio National Guard, Commanding Second Field Hospital and Second Ambulance Company, Ohio National Guard. Member of Masonic Order, Woodmen of the World, Home Guard of America, Improved Order of Heptasoph, Kappa Sigma and Alpha Mu Pi Omega.

Snodgrass, Clara Hopkins
(Mrs. William H. Snodgrass)
B. Ph. 1902
Marysville, Ohio

Born at St. Petersburg, Pennsylvania, January 9, 1878. Married William H. Snodgrass, November 26, 1902. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Member of Delta Delta Delta.

Snodgrass, David Philips Farmer
B. Sc. Agr. 1908
R. R. 3, Canonsburg, Pennsylvania

Born at Canonsburg, Pennsylvania, June

11, 1883. Attended Duffs College one year; attended Ohio State University, 1903-05, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Secretary Washington County (Pa.) Farmers' Institute Association, January 1909, to the present time. At present engaged in Farming at Canonsburg, Pa. Member of Pennsylvania State Horticultural Society.

Snyder, Addison Agricultural Extension
B. Sc. Agr. 1901
Iowa State College, Ames, Iowa

Born at Barnesville, Ohio, January 1879. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Science in Agriculture. Scientific Aid, Bureau of Plant Industry, U. S. Department of Agriculture, 1901-02; Scientific Aid, Bureau of Soils, U. S. Department of Agriculture, 1902-06. Since 1906, Assistant in Agricultural Extension, Iowa State College, Ames, Iowa. Member of Phi Kappa Phi, Acacia and Alpha Zeta.

Snyder, Charles Edwin Editor
B. Sc. Agr. 1909
National Stockman & Farmer,
Pittsburgh, Pa.

Born at Norwalk, Ohio, May 30, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Agriculture. Instructor in Animal Husbandry, University of Minnesota; Animal Husbandman in Sheep and Goat Investigations, U. S. Department of Agriculture. At present, Assistant Editor, National Stockman and Farmer, Pittsburgh, Pa. Member of Alpha Gamma Rho.

Snyder, Floyd Lozene Electrical Engineer,
M. E. in E. E. 1911 Telephone
Central Union Telephone Co.,
Columbus, Ohio

Born in Ashland County, Ohio, September 24, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Mechanical Engineer in Electrical Engineering. Since July 1911, in Engineering Department, Central Union Telephone Company, Columbus, Ohio.

Sohn, Erwin Chemist
B. Sc. Chem. Engr. 1909
St. Marys, Pennsylvania

Born in Cincinnati, Ohio, January 12, 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Science in Chemical Engineering. Junior Chemist, U. S. Geological Survey, Pittsburgh, Pa., June to November 1909; Associate Research Chemist, National Carbon Company, Cleveland, Ohio, November 1909 to June 1911. At present, Chemist and Engineer, Stackpole Battery & Carbon Company, St. Marys, Pennsylvania. Member of Sigma Xi.

Sosman, Robert Browning Physicist
B. Sc. 1903
B. S. 1904 and Ph. D. 1907 (Massachusetts Institute of Technology)
Geophysical Laboratory, Carnegie Institution, Washington, D. C.

Born at Chillicothe, Ohio, March 17, 1881. Married Sarah Gibson Noble, September 30, 1911. Attended the Ohio State University and was graduated in June 1903, with the degree, Bachelor of Science; attended Massachusetts Institute of Technology and received the degree, Bachelor of Science, in 1904, and the degree, Doctor of Philosophy, in 1907. At present Physicist, Geophysical Laboratory, Carnegie Institution of Washington, D. C. Has published various articles in scientific journals on physics and physical chemistry. Joint author (with A. L. Day), Publication No. 157, Carnegie Institution, "High Temperature Gas Thermometry." Member of American Chemical Society, Philosophical Society of Washington, Geological Society of Washington, Cosmos Club, Delta Upsilon and Sigma Xi.

South, Dale Roland Manufacturer
E. H. South Shoe Co., Bethel, Ohio

Born at Bethel, Ohio, March 3, 1885. Attended the Ohio State University, 1903-06, in the Engineering Course. In Switchboard Telephone Department, Western Electric Company, Chicago, Ill., one year. For the past four years and at present with Mrs. E. H. South Shoe Company, manufacturer of infants' soft sole shoes and moccasins, also manufacturing tailor for wholesale trade. Member of Masonic Lodge.

Southard, Thomas Campbell
Manufacturer, Advertising Novelties
B. A., 1896
The Southard Novelty Company, Columbus, Ohio

Born in Morgan County, Ohio, March 5, 1869. Married Mary Tuller Hollister, September 12, 1910. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Bachelor of Arts; attended one term in College of Law. President of The Southard Novelty Company, Columbus, Ohio, manufacturers of advertising specialties and commercial printing. Has written a few articles for newspapers and periodicals on Socialism and kindred subjects. Member of Masonic Lodge. House address, 70 Fifteenth Avenue, Columbus, Ohio.

Sparhawk, Howard H.
U. S. Department of Agriculture, Bureau of Animal Industry
33 Exchange Building, U. S. Yards, Wichita, Kansas

Born at East Akron, Ohio, March 19, 1885. Married Lila M. Thomas, April 9, 1910. Attended the Ohio State University in short course in dairying, in 1903; attended College of Veterinary Medicine, 1904-07, and received a Certificate in Veterinary Surgery in June 1907. Since graduation he has been engaged in dairy farming, cattle raising and general farming, butter and cheese making. At present, Veterinary Inspector, Bureau of Animal Industry, U. S. Department of Agriculture. Member of Wichita Republican Club, Chicago Bureau of Animal Industry, Veterinary Medical Association, Summit County Grange and Alpha Psi.

Sparks, Edwin Erle College President
B. A. 1884 M. A. 1890
Ph. D. (University of Chicago) 1900
LL. D. (Lehigh University) 1909
State College, Pennsylvania

Born in Licking County, Ohio, in 1860. Married Katharine B. Cotton in 1890. Attended Ohio Wesleyan University, 1879-81; attended Ohio State University, 1881-84, receiving the degree, Bachelor of Arts, in 1884, and the degree, Master of Arts, in 1890; attended Harvard University, 1893; attended University of Chicago, 1895-00, receiving the degree, Doctor of Philosophy, in 1900; received the degree LL.D. from Lehigh University, 1909. Engaged in public school work in Ohio, 1884-90; Instructor in History, Pennsylvania State College, 1890-95; Professor of American History, The University of Chicago, 1895-08. Since 1908, President of Pennsylvania State College, State College, Pennsylvania. Among his publications are: "Expansion of the American People," 1899; "The Men Who Made the Nation," 1900; "Formative Incidents in American Diplomacy," 1902; "The United States of America" (two volumes), 1904; "Foundations of National Development," 1907; "The Lincoln-Douglas Debates of 1858," 1908. Member of Council of American Historical Association and member of Chi Phi.

Spease, Edward Professor
B. Sc. Pharm. 1907
Ohio State University, Columbus, Ohio

Born in Dresden, Ohio, March 31, 1883. Married Alice Kelly, June 22, 1911. Attended the Ohio State University, 1903-07, receiving a Certificate in Pharmacy in June 1905, and was graduated in June 1907, with the degree, Bachelor of Science

in Pharmacy. At present, Instructor in Pharmacy, Ohio State University. Member and National Secretary-Treasurer of Phi Delta Chi.

Speer, Carl Hall Mechanical Engineer
M. E. 1909
105 West Third Avenue,
Columbus, Ohio

Born in Cincinnati, Ohio, in 1883. Attended the Ohio State University, 1901-04, 1908-09, and was graduated in June 1909, with the degree, Mechanical Engineer. At present, Preliminary Engineer, with Jeffrey Manufacturing Company, Columbus, Ohio. Member of Sigma Alpha Epsilon.

Speer, Frederick William Mining Engineer
E. M. 1883 and Professor
Michigan College of Mines,
Houghton, Michigan

Born at Jefferson, Ohio, June 5, 1856. Married Julia S. Loomis, August 10, 1884. Attended the Ohio State University, Spring of 1880-83, and was graduated in June 1883, with the degree, Engineer of Mines. Special Agent on Building Stone Investigation and Methods of quarrying and dressing, for U. S. Tenth Census, 1881-82; Ohio Geological Survey, 1882; General Mining and Mining Engineering in Arizona, Mexico and Colorado, 1883-88; Assistant Professor of Mining Engineering, Ohio State University, 1888-94. Since 1894, Professor of Civil and Mining Engineering, Michigan College of Mines. Since 1888, has been engaged as Consulting Engineer in Mine examinations. Has written numerous articles for technical journals; discussions on mining subjects, published by Lake Superior Mining Institute; on educational subjects, published by Society for Promotion of Engineering Education; note books of instruction, published by Michigan College of Mines. Member of American Institute of Mining Engineers, Lake Superior Mining Institute, Society for Promotion of Engineering Education, American Association for Advancement of Science, Mining and Metallurgical Society of America, National Geographical Society, Michigan Academy of Sciences, Sigma Xi and Phi Gamma Delta.

Spitler, Grover O. Mercantile Business,
B. Sc. Chem. 1904 Hardware
Bluffton, Indiana

Born at Findlay, Ohio, November 19, 1877. Married Olive Hagerman, November 1, 1908. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Science in Chemistry. Chemist, Government Service, 1906-10; Foundry Superintendent, 1904-06. Since 1911, in Hardware business, Spitler Bros. Hardware Company, Bluffton, Indiana.

Sprague, Charles Franklin Attorney
B. A. 1896 LL. B. 1899
Lima, Ohio

Born in Wapakoneta, Ohio, June 12, 1872. Married Mabel E. Walter, June 14, 1900. Attended the Ohio State University, 1892-99, receiving the degree, Bachelor of Arts, in June 1896, and the degree, Bachelor of Laws, in June 1899. Secretary, The Lima Home and Savings Association, since 1902; Secretary and Attorney for The Lima Home and Savings Association, since 1907; Director of The Lima Home and Savings Association, since 1910; Attorney-at-Law, Lima, Ohio. Has contributed articles on Rural Life at various times to The American Agriculturist. Member of Knights of Pythias and Kappa Sigma.

Spurrier, John Rudolph Electrical Engineer
M. E. in E. E. 1896
The Fibre Conduit Co.,
Orangeburg, New York

Born at Chester Hill, Ohio, October 31, 1871. Married Nettie Bartlett, December 12, 1896. Attended the Ohio State University, 1892-96, and was graduated in June 1896, with the degree, Mechanical Engineer in Electrical Engineering. Fellow, Mechanical Engineering, Ohio State Uni-

versity, 1896-97; Fellow, Electrical Engineering, Ohio State University, 1897-98; Draftsman and Checker, Westinghouse Electric and Manufacturing Company, 1898-02; Assistant Chief Draftsman, Acting Chief Draftsman and Shop Superintendent, British Westinghouse Electric & Manufacturing Company, Ltd., 1902-07. Since 1907, Superintendent, The Fibre Conduit Company. Associate Member, American Institute of Electrical Engineers.

Stafford, Esther
(See Esther Stafford Taylor)

Stahl, Charles Henry Attorney
B. A. (Ohio Northern University) 1898
LL. B. 1902
518 Hamilton Building, Akron, Ohio

Born at Winesburg, Holmes County, Ohio, May 18, 1873. Was married September 26, 1906. Attended Ohio Northern University five years, and was graduated in 1898, with the degree, Bachelor of Arts; attended Ohio State University, 1900-02, and received the degree, Bachelor of Laws, in June 1902. Since 1902, Attorney-at-Law. 32d Degree Mason, Shriner and Delta Chi.

Stanton, Frederic M. Chemist Lecturer
B. Sc., 1904
Starling-Ohio Medical College,
Columbus, Ohio

Born in Warren County, Ohio, July 1, 1879. Attended Starling Medical College, 1899; attended Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Science; attended University of Pittsburgh as graduate student, 1910. Assistant Chemist, U. S. Geological Survey, Fuel Testing Station, St. Louis, Mo., 1904-05; Chemist (for same), 1905-07; Head Chemist, U. S. Geological Survey, Fuel Testing Station, Pittsburgh, Pa., 1907-09; Research Chemist, U. S. Bureau of Mines, 1910-11. At present, Lecturer in Chemistry, Starling-Ohio Medical College. Has made contributions to publications of U. S. Geological Survey and Bureau of Mines. Member of American Chemical Society, American Association for Advancement of Science and Alpha Mu Pi Omega.

Steeb, Carl Eckert Secretary
B. Ph. 1899
Board of Trustees
Ohio State University
Columbus, Ohio

Born at Medina, Ohio, November 10, 1874. Married Kathryn M. Davy, October 17, 1900. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Bachelor of Philosophy. Accountant, Ohio State University; at present, University Bursar, Secretary of the Board of Trustees and Purchasing Agent, Ohio State University. Member of Masonic Order, 32d Degree, Shriner, Ohio Club and Sigma Alpha Epsilon.

Steinbacher, Karl
Chemist, Superintendent Blast Furnace
Belfont Iron Works, Ironton, Ohio

Born at Lingenfeldt, Bavariae Province, Germany, October 1, 1875. Married Carrie Jones of Ironton, Ohio, September 25, 1903. Attended the Ohio State University four terms, 1894-95, and Fall of 1895, in College of Arts; attended Mercer University, Macon, Georgia, one term. Chemist, Ashland Steel Company, Ashland, Kentucky, 1897; Chemist, Rome Testing Laboratory, Rome, Ga., 1898-99; Chemist, Union Iron & Steel Company, Ironton, Ohio, 1900-03; Chemist, Belfont Iron Works Company, Ironton, Ohio, 1904-07. Since 1908, Superintendent, Belfont Iron Works Company, Furnace Department, Ironton, Ohio. Member of Elks Lodge. House address, 100 South Second Street, Ironton, Ohio.

Stephenson, Bertram Shearer Sales Agent
B. Ph. 1901 Pig Iron
M. A. Hanna & Company,
Pittsburgh, Pennsylvania

Born at Jackson, Ohio, October 24, 1880. Married Jessie Ewing Bane, Sep-

tember 5, 1905. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy. Journalist, 1901-10; Managing Editor, Columbus Citizen; Associate Editor, The Iron Trade Review, 1905-10; 1910 to April 1912, Salesman with M. A. Hanna & Company, Detroit, Michigan. At present, in charge of Pittsburgh Office, M. A. Hanna & Co., Pittsburgh, Pennsylvania. Has written articles for various technical publications. Member of Beta Theta Pi.

Stevens, Frank M. Attorney
LL. B. 1897
232 Ely Power Building, Elyria, Ohio

Born in Chicago, Illinois, February 27, 1873. Married Helen M. Moriarty, October 6, 1899. Attended Western Reserve University, 1892 and Spring 1894; attended Ohio State University, College of Law, 1895-97, and was graduated June 16, 1897, with the degree, Bachelor of Laws. Secretary of Lorain County Republican Executive Committee, 1898-00; Clerk, County Board Deputy State Supervisors of Elections, 1900-02; City Solicitor, Elyria, Ohio, 1899-02; Prosecuting Attorney, Lorain County, Ohio, 1906-13. Member of Beta Theta Pi and Theta Nu Epsilon.

Stevenson, Mary Maude Teacher
B. A. 1910
Columbus Grove, Ohio

Born at New Plymouth, Ohio, November 16, 1886. Attended Otterbein University two years; attended Ohio State University, 1908-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Since 1910, Teacher of Latin and German, High School, Columbus Grove, Ohio.

Stewart, Dale Bernard Veterinarian
D. V. M. 1910
Maynard, Iowa

Born at Maynard, Iowa, September 24, 1883. Attended Iowa State College three years; attended Ohio State University, 1909-10, and was graduated in June 1910, with the degree, Doctor of Veterinary Medicine. Practicing Veterinary Medicine at Maynard, Iowa. Member of Veterinary Medical Society.

Stewart, Earle Attorney
B. A. 1893
M. A. (Antioch College) 1894
LL. B. 1895
Ironton, Ohio

Born near Clifton, Clarke County, Ohio, August 12, 1870. Married Emma M. Gray, November 23, 1909. Attended Wittenberg College, 1889-90; attended Antioch College, 1890-93, and was graduated in 1893, with the degree, Bachelor of Arts; received the degree, Master of Arts, in 1894; attended Ohio State University, 1894-95, and received the degree, Bachelor of Laws, in June 1895. Ex-Member of Legislature from Springfield, Clark County, 1904-09. At present, Practicing law at Ironton, Ohio.

Stewart, John Gilbert Electrical Engineer
M. E. in E. E. 1908
Puget Sound Navy Yard,
Bremerton, Washington

Born at Mt. Victory, Ohio, April 29, 1884. Attended the Ohio State University, 1902-04, and 1906-08, and was graduated in June 1908, with the degree, Mechanical Engineer in Electrical Engineering. Draftsman, Dayton Hydraulic Machinery Company, 1905-06; Mechanical and Electrical Draftsman, U. S. War Department, 1908-10; Electrical Engineer, Office of Supervising Architect, Treasury Department, 1910-11. At present engaged in Inspection Work (mechanical and electrical), Navy Department, Puget Sound Navy Yard. Member of Eta Kappa Nu. House address, 553 Burwell Avenue, Bremerton, Washington.

Stiger, Thomas A. Attorney
LL. B. 1889
Everett, Washington

Born in Ohio, September 19, 1873. Married Anna Raymond, in 1904. At-

tended Baldwin University, Berea, Ohio, two years; attended Ohio State University, 1898-99, and was graduated in June 1899, with the degree, Bachelor of Laws. Member of Board of Education, Everett, Washington; member State Board of Education, State of Washington; Commissioner of Education, Snohomish County, Washington. At present, Attorney-at-Law, Everett, Washington. Member of Knights of Pythias, Elks Lodge, Trustee Young Women's Christian Association, member Young Men's Christian Association, Phi Kappa Psi.

Stocker, James Arthur Civil Engineer
C. E. 1902
1355 Franklin Avenue, Columbus, Ohio

Born at Gnadenhutten, Ohio, April 11, 1875. Married Lida Potter, February 3, 1904. Attended Oberlin College, 1896-97; attended Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Civil Engineer. Instrument man, City Engineer's Office, Columbus, Ohio, July 1902 to October 1902; Rodman, Kanawha & Michigan Railway, October 1902 to January 1903; Assistant Engineer, K. & M. Ry. Co., January 1903 to February 1907; Division Engineer, K. & M. Ry. Co., February 1907 to February 1908; Superintendent, M., C. & C. Ry., February 1908 to May 1908; Engineer of Construction, Hocking Valley Railway, May 1908 to February 1910. Since February 1910, Chief Engineer, Toledo & Ohio Central Railway and Zanesville & Western Railway. Member of American Railway Engineering Association and Delta Upsilon.

Stoltz, Glenn Edwin Electrical Engineer
M. E. in E. E. 1909
Westinghouse Electric & Mfg. Co.,
Pittsburgh, Pennsylvania

Born at Gettysburg, Ohio, August 21, 1886. Attended Miami University in Summer of 1904; attended Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. In Repair Shops of Columbus Railway & Light Company, Summer of 1907; Helper, in equipping Electrical Laboratory, Ohio State University, Summer of 1908; Apprenticeship Course with Westinghouse Electric & Manufacturing Company, July 1, 1909 to July 1, 1911; General Engineer with Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., at the present time. Wrote the "Excursion Hand-book" for Westinghouse Club, published in April 1911. Member of Masonic Order and of Eta Kappa Nu. House address, Clover Club, Edgewood Park, Pittsburgh.

Stone, Carleton Elijah Civil Engineer
C. E. 1899
506 P. & L. E. R. R. Station,
Pittsburgh, Pennsylvania

Born in Gallia County, Ohio, February 1, 1875. Married Mabel M. Robinson, September 10, 1903. Attended the Ohio State University, 1895-99, and was graduated in June 1899, with the degree, Civil Engineer. Engaged in Municipal Work, Columbus, Ohio, and Gallipolis, Ohio, 1899-00; in Government Service on the Ohio River Improvement, 1900-02; with Pittsburgh & Lake Erie R. R. since 1902, and at the present time, Civil Engineering Draftsman. House address, Coraopolis, Pennsylvania.

Storer, Norman Wilson Electrical Engineer,
M. E. in E. E. 1891 Railway Expert
Westinghouse Electric & Mfg. Co.,
Pittsburgh, Pa.

Born at Orangeville, Ohio, January 11, 1868. Married Mary Elizabeth Wyman Perry, June 14, 1899, who died January 14, 1908. Married Ruth Esther Beyer, December 7, 1911. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Mechanical Engineer in Electrical Engineering. Entered employ of Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., immediately after graduation, and has remained in their employ. For some years had charge of design of all

direct current generators and motors. Since 1904, in charge of Railway Division of Engineering Department, which designs all electrical apparatus for electric railways. Has taken a leading part in the development of electric locomotives, including those for New York, New Haven & Hartford Ry., Pennsylvania Ry. and others. At present Engineer, Railway Division, Engineering Department, Westinghouse Electric & Manufacturing Co. Has contributed several papers to American Institute of Electrical Engineers, Engineers' Society of Western Pennsylvania, Electric Journal and Electric Railway Journal. Member of American Institute of Electrical Engineers, Engineers' Society of Western Pennsylvania, Transportation Club in New York City and Sigma Xi. American Manager in American Institute of Electrical Engineers. Listed in "Who's Who in America." House address, 6109 Howe Street, Pittsburgh, Pa.

Stough, Luther B. Assistant Postmaster
Bellefontaine, Ohio

Born at Bellefontaine, Ohio, August 3, 1876. Was married June 30, 1904. Attended the Ohio State University, 1897-99, and received a Certificate in Law in June 1899. Admitted to Ohio Bar in June 1899. Practiced Law at Lake View and Bellefontaine, Ohio; Appointed Assistant Postmaster, Bellefontaine, Ohio, June 6, 1908, which position he now holds. Member of Board of Education, Bellefontaine, Ohio, and Clerk of same, 1904-11. Member of Masonic Order, Modern Woodmen of America and Sons of Veterans.

Stout, Wilber
217 East Mithoff Ave., Columbus, Ohio

Attended the Ohio State University, 1899-01 and 1907-09, as Special Student in Clay Working Course.

Straub, Albert Aloysius Mechanical
M. E. 1906 Engineer
417 Hastings Street, Pittsburgh, Pa.

Born in Portsmouth, Ohio, February 17, 1884. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Mechanical Engineer. Assistant in Mechanical Engineering, Ohio State University, 1906-07; Draftsman, Pittsburgh Plate Glass Company, 1907-08; Fuel Inspector, Division Technology Branch, U. S. Geological Survey, 1908-10; in charge of tests, Fuel Testing Department, Bureau of Mines, tests on "Smoke Abatement," 1910-11. Since April 1911, Assistant Chief Engineer Power Stations, Pittsburgh Railways Company. Member of Knights of Columbus.

Strickler, Lois
(See Lois Strickler Asher)

Stringfellow, Sidney Don Civil Engineer
307 West Sandusky St., Findlay, Ohio

Born at Findlay, Ohio, January 25, 1886. Attended the Ohio State University, 1907-09, in the College of Engineering. Rodman on construction of Chicago, Lake Shore & South Bend Railway, September 1, 1906 to September 1, 1907. Since September 1909, Deputy County Surveyor, Hancock County, Ohio.

Strom, Lewis H. Civil Engineer,
C. E. 1906 Construction
54 Perin Building, Cincinnati, Ohio

Born at Elgin, Iowa, January 11, 1878. Attended the Ohio State University, 1901-03, 1904-06, and was graduated in June 1906, with the degree, Civil Engineer. Held subordinate positions in railway engineering in New York, Illinois, Ohio, Nebraska and Florida, after graduation; Assistant Engineer, N. Y., C. & H. R. R. R., Construction Department, 1907-09; in charge of force of Draftsman making highway maps for Ohio Highway Commissioner, 1909; Assistant Engineer, Georgia Ry., Savannah, Ga., valuation work, 1909-10; Engineer with Western Railway of Alabama, on valuation work, 1910. Since 1910, Assistant Engineer, Division Engineer and Engineer of Construction with C. & O. Railway of Indiana.

Stuckey, Robert Burns Draftsman
American Clay Machinery Co.,
Bucyrus, Ohio

Born at Hedgisville, West Virginia, October 26, 1883. Attended the Ohio State University, 1907-09, in the Industrial Arts Course, and received a Certificate in Industrial Arts in June, 1909. With Pennsylvania R. R. Co., Columbus, Ohio, as car builder, five years. At present, Machine Designer for American Clay Machinery Company, Bucyrus, Ohio. Member of Masonic Order and Odd Fellows Lodge. House address, 329 South Sandusky Avenue, Bucyrus, Ohio.

Studer, Benjamin Veterinarian
314 North Vine Street,
Orrville, Wayne County, Ohio

Born at Ragersville, Ohio, February 28, 1879. Married Emma E. Herman, April 27, 1909. Attended the Ohio State University, 1904-06, and received a Certificate in Veterinary Medicine in June, 1906. Practicing Veterinary Medicine at Orrville, Ohio.

Stull, Emmett W. Electrical Engineer,
M. E. in E. E. 1894
Electric Railway Department
Westinghouse Electric & Mfg. Co.,
Wilkinsburg, Pennsylvania

Born at Elkland, Pennsylvania, January 6, 1867. Married Ina Robinson, October 4, 1898. Attended the Ohio State University, 1890-94, and was graduated in June 1894, with the degree, Mechanical Engineer in Electrical Engineering. Draftsman and Road Engineer, Steel Motor Company, 1895-97; Engineer Electric Railway, control apparatus, Lorain Steel Company, 1897-02; Engineer Electric Railway, control apparatus, Stanley Electric Manufacturing Company, 1902-03; Engineer Electric Railway, Motors and Controllers, Bullock Electric Manufacturing Company and Allis-Chalmers Company, 1903-11; Engineer, Electric Railway, control apparatus, Westinghouse Electric & Mfg. Co., Wilkinsburg, Pa.

Stump, Franklin Pierce Farmer and
B. Sc. Agr. 1892 Stock Raiser
R. R. No. 2, Convoy, Ohio

Born in Van Wert County, Ohio, May 11, 1867. Married Lillie Werder, May 11, 1893. Attended the Ohio State University from September 1888 to June 1892, and was graduated in June 1892, with the degree, Bachelor of Science in Agriculture. Deputy Surveyor of Van Wert County, 1888; Assistant in Agriculture and Foreman of Farm, Ohio State University, June 1892 to April 1895; Candidate of Republican Party for Van Wert County Surveyor, 1891; Farmers' Institute Lecturer, 1893-95. At present, Farmer and Breeder of Pure Bred Red Polled Cattle and Berkshire Swine, Convoy, Ohio. Has made occasional contributions to Farm and Live Stock Journals. Member of P. of H., 6th Degree, Ohio State Horticultural Society, Ohio Academy of Science, Ohio Horse Breeders' Association, American Berkshire Association, Red Polled Cattle Club of America and Ohio Commission Breeders' Association.

Stump, William Lisle Pharmacist
G. Ph. 1897 M. Ph. 1898
Marion, Ohio

Born at Nashport, Ohio, July 13, 1876. Married Gertrude Turner, February 7, 1900. Attended the Ohio State University, 1894-97, undergraduate, and received the degree, Graduate in Pharmacy, in June 1897; was a graduate student, 1897-98, and received the degree, Master of Pharmacy, in June 1898. With William Stewart, Newark, Ohio, 1898-99. Since 1900, with M. L. Dumble, as Pharmacist, Marion, Ohio. Member of Knights of Pythias.

Summer, Samuel N. Mercantile Business,
B. A. 1905 Iron and Steel
The Joseph Schonthal Iron Co.,
Columbus, Ohio

Born at Shelby, Ohio, June 12, 1884 Married Irene Schonthal, June 20, 1906. Attended the Ohio State University, 1901-

05, and was graduated in June 1905, with the degree, Bachelor of Arts. Secretary, The Joseph Schonthal Iron Company, Columbus, Ohio, at the present time.

Surface, Frank Macy Biologist
B. A. 1904 M. A. 1905
Ph. D. (University of Pennsylvania) 1907
Kentucky Experiment Station, Lexington, Kentucky

Born at Eaton, Ohio, April 22, 1882. Married Anna Bunger, August 8, 1905. Attended the Ohio State University, 1900-05, and was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1905, with the degree, Master of Arts; attended University of Pennsylvania, 1905-07, and was graduated in 1907, with the degree, Doctor of Philosophy; attended Kgl. Landbohoskole, Copenhagen, Denmark, 1911. Fellow in Zoology, Ohio State University, 1904-05; Harrison Fellow in Zoology, University of Pennsylvania, 1905-07; Associate Biologist, Maine Experiment Station, 1907-11. Since 1911, Biologist, Kentucky Experiment Station. Has written numerous scientific papers, from 1905 to 1911, published in current Biological Journals. Member of American Association for Advancement of Science, American Society of Zoologists, American Society of Naturalists, American Breeders' Association and Phi Eta and Sigma Xi.

Sutherland, Margaret
(See Margaret Sutherland Flynn)

Swartzel, Karl Dale Professor
B. Sc. 1893 M. Sc. 1894
Ohio State University, Columbus Ohio

Born at Lewisburg, Ohio, July 1, 1869. Married Helen Ebersole, June 15, 1904. Attended the Ohio State University, 1889-94, and was graduated in June 1893, with the degree, Bachelor of Science, and in June 1894, with the degree, Master of Science; attended University of Wisconsin, one Summer; attended Harvard University, 1902-03. Fellow in Mathematics, and at present Professor of Mathematics in the Ohio State University. Member of American Mathematics Society, Fellow, American Association for Advancement of Science, member of Sigma Xi and Sigma Alpha Epsilon.

Sweeney, Orland Russell Professor
B. Sc. Chem. Engr. 1909 M. A. 1910
John Harrison Chemical Laboratory, University of Pennsylvania, Philadelphia, Pa.

Born at Martin's Ferry, Ohio, March 27, 1883. Attended the Ohio State University, 1905-09, and was graduated in 1909, with the degree, Bachelor of Science in Chemical Engineering; was a graduate student, 1909-10, and received the degree, Master of Arts, in June 1910. Assistant in Chemistry, Ohio State University, 1910; Instructor in Chemistry, University of Pennsylvania, 1911, to the present time. Member of Sigma Xi.

Swickard, Charles Robert Real Estate
20 East Broad Street, Columbus, Ohio

Born at Westerville, Franklin County, Ohio, April 14, 1864. Married Helena Cohan, June 11, 1902. Attended Ohio Wesleyan University, preparatory department, one year; attended Ohio State University, preparatory department, one year, and spent two years and one term in collegiate work, 1888-90 and Fall term of 1890. At present engaged in Real Estate business, Columbus, Ohio. Member of Columbus Chamber of Commerce and Columbus Real Estate Board.

Talbot, Ellen Bliss Professor
B. A. 1890
Ph. D. (Cornell University) 1898
Mt. Holyoke College, South Hadley, Massachusetts

Born at Iowa City, Iowa, November 22, 1867. Attended the Ohio State University, 1886-90, and was graduated in June 1890, with the degree, Bachelor of Arts; attended Cornell University, 1894-98, and

received the degree, Doctor of Philosophy, in 1898; attended Chicago University, Summer of 1901; spent the Autumn Semester, 1904-05, at University of Berlin and the Spring Semester, 1905, at Heidelberg University. Teacher in High School, Dresden, Ohio, 1890-91; Teacher in High School, Troy, Ohio, 1891-94; Sage Scholar in Philosophy, Cornell University, 1895-97; Sage Fellow in Philosophy, Cornell University, 1897-98; Teacher, Emma Willard School, Troy, New York, 1898-00; Professor of Philosophy and Head of Department of Philosophy and Psychology, Mount Holyoke College, 1900, to the present time. Author of "The Fundamental Principle of Fichte's Philosophy." The Macmillan Company, New York, 1906. Among her published articles are, "The Doctrine of Conscious Elements," Philosophical Review, 1895; "An Attempt to Train the Visual Memory," American Journal of Psychology, 1897; "Distraction by Musical Sounds; the Effect of Pitch upon the Attention," American Journal of Psychology, 1898 (in collaboration with Lionel Darlington); "The Relation between Human Consciousness and its Ideal as conceived by Kant and Fichte," Kant-Studien, 1900; "The Relation of the Two Periods of Fichte's Philosophy," Mind, 1901; "The Philosophy of Fichte in its Relation to Pragmatism," Philosophical Review, 1907; "Humanism and Freedom," Journal of Philosophy, Psychology and Scientific Methods, 1909; "Individuality and Freedom," Philosophical Review, 1909. Member of American Philosophical Association, American Psychological Association, Phi Beta Kappa and Kappa Kappa Gamma.

Talbot, Mignon Professor
B. A. 1892
Ph. D. (Yale University) 1904
Mount Holyoke College,
South Hadley, Massachusetts

Born at Iowa City, Iowa, August 16, 1869. Attended the Ohio State University, 1888-92, and Fall Term of 1902, and was graduated in June 1892, with the degree, Bachelor of Arts; attended Harvard University, Summer session, 1898; attended Cornell University, Summer sessions, 1901 and 1902; attended Yale University, January 1903 to June 1904, and received the degree, Doctor of Philosophy, in 1904. Teacher in High School, Columbus, Ohio, September 1896 to June 1902; Head of Department of Geology, Mount Holyoke College, September 1904, to the present time. Among her published articles are, "A Contribution to a List of the Fauna of the Stafford Limestone of New York," American Journal of Science, August, 1903; "Revision of the New York Helderbergian Crinoids," American Journal of Science, July 1905; "Podokesaurus Holyokensis, a new Dinosaur from the Triassic of the Connecticut Valley," American Journal of Science, June 1911. Fellow, American Association for the Advancement of Science, member of Paleontological Society, National Geographical Society, American Forestry Association and of Kappa Kappa Gamma and Phi Beta Kappa.

Talmage, Henry Richard Sales Engineer
M. E. 1910
Hydraulic Press Mfg. Co.,
Mount Gilead, Ohio

Born at Mount Gilead, Ohio, June 18, 1886. Attended the Ohio State University, 1904-07, and 1908-10, and was graduated in June 1910, with the degree, Mechanical Engineer. Draftsman, The Hydraulic Press Mfg. Co., January 1908 to January 1909; Mechanical Engineer, same company, one year; Sales Engineer, same company, three months. At present, Sales Manager, same company, Mt. Gilead, Ohio. Member of Royal Arch Masons, Sons of Veterans and of Phi Gamma Delta.

Tangeman, Clara Margaret Teacher
B. Sc. Dom. Sci. 1904
335 College Avenue, Fostoria, Ohio

Born at New Bremen, Ohio. Attended the Ohio State University four years and two terms, 1900-04, Winter and Spring of 1905, and was graduated in June 1904,

with the degree, Bachelor of Science in Domestic Science. Teacher at Y. W. C. A., Columbus, Ohio, 1905-08. At present, Teacher of Domestic Science and Art at Fostoria, Ohio.

Tanner, John Raymond Civil Engineer
Zanesville, Ohio

Born at Zanesville, Ohio, May 10, 1884. Attended the Ohio State University 1903 to January 1906, January 1908 to April 1909, in the College of Engineering. Assistant Engineer, New York Coal Company, 1905-06; Consulting Engineer, 1909-11. At present, City Engineer, Zanesville, Ohio, and Resident Engineer for State Highway Commission in Muskingum County.

Tansey, Howard Fred Construction Engineer
The Dayton Power & Light Co.,
Dayton, Ohio

Born at Springboro, Ohio, July 20, 1880. Attended the Ohio State University, 1900-03, in the Industrial Arts Course, and as special student in Engineering College. With The Rarig Engineering Company, in Sidney Mines, N. S., September 1903 to March 1904; Farming near Franklin, Ohio, March 1904 to March 1906; on Cable Construction Crew, General Electric Company, Dayton, Ohio, 1906 to August 1907. Since 1907, in Construction Department, The Dayton Power & Light Company, Dayton, Ohio. House address, 104 Green Street, Dayton, Ohio.

Tarr, Edward Reynolds Mine Operator, Coal
Oak Hill Coal Mines,
Wellsburg, West Virginia

Born at Wellsburg, West Virginia, September 8, 1873. Married Catherine Kress, February 22, 1898. Attended the Ohio State University, 1891-96, as a special student in Electrical, Mechanical and Mining Engineering. President and General Manager, Crestline Telephone Company and People's Light & Power Company, Crestline, Ohio, 1897-01; Construction Engineer, Pelton Engineering Company, Reserve Construction Company, and U. S. Telephone Company, Cleveland, Ohio, 1901-04; Mechanical Engineer, Beaumont N. W. Telephone Company, Beaumont, Texas, 1905-07; Telephone Engineer, C., D. & P. Telephone Company, Pittsburgh, Pa., 1907-08. At present, Owner and Manager, Oak Hill Coal Mines, Wellsburg, W. Va. Candidate, House of Delegates (Legislature, W. Va.), 1904 and 1908. Member Masonic Lodge, Master Mason, and Delta Tau Delta.

Tavenner, Robert Lester Concrete
B. A. 1908 Construction
Tavenner Concrete Stone
Construction Co., Springfield, Ohio

Born at Springfield, Ohio, June 5, 1884. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Bachelor of Arts. At present, Secretary-Treasurer, The Tavenner Concrete Stone Construction Co., Springfield, Ohio. Member of Troop "B," Ohio Cavalry, 1907-10; Lieutenant, Commissary and Quartermaster, First Battalion, Third Infantry, Ohio National Guard. Member Sigma Phi Epsilon. House address, 2594 Lagonda Avenue, Springfield, Ohio.

Taylor, Arthur Wallace Mining Engineer,
E. M. 1893 Metallurgist
Southern Iron & Steel Company,
Gadsden, Alabama

Born at Claridon, Ohio, March 14, 1872. Married Mabel Willson, July 2, 1902. Attended the Ohio State University, 1889-93, and was graduated in June 1893, with the degree, Engineer of Mines. Chemist with Carbon Iron and Steel Company, Cleveland Rolling Mill Company, and Otis Steel Company until 1906; Assistant Superintendent, Open Hearth Department, Colorado Fuel & Iron Company, 1906; Superintendent, Open Hearth and Blooming Mill, Atlanta Steel Company, 1907-09. At present, Superintendent, Open Hearth and Blooming Mill, Southern Iron & Steel Company, Gadsden, Alabama. Member of Phi Gamma Delta.

Taylor, Bessie Battelle Teacher
B. Ph. 1902
742 Central Avenue, Sandusky, Ohio

Born at Sarahsville, Ohio, July 5, 1878. Attended the Ohio State University, 1898-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Since 1902, Teacher of Latin, High School, Sandusky, Ohio. Member of Phi Beta Kappa.

Taylor, Charles Fletcher Teacher
B. A. 1910 M. A. 1911
Galahad School, Hudson, Wisconsin

Born at Caldwell, Ohio, August 17, 1888. Attended the Ohio State University, 1906-11, and was graduated in June 1910, with the degree, Bachelor of Arts, and in June 1911, with the degree, Master of Arts. At present, Instructor in English, Galahad School for Boys, Hudson, Wisconsin. Member of Kappa Sigma.

Taylor, Esther Stafford
(Mrs. Joseph Russell Taylor)
155 Thirteenth Ave., Columbus, Ohio

Born at Gallia, Ohio, November 25, 1873. Married Joseph Russell Taylor in June 1897. Attended the Ohio State University, 1891-95, two years preparatory and two years collegiate. Member of Faculty Women's Club and Kappa Alpha Theta.

Taylor, Frederick W. Professor
B. Sc. Agr. 1900
New Hampshire College,
Durham, New Hampshire

Born at Wooster, Ohio, January 25, 1876. Married Jessie L. Stockes, December 23, 1903. Attended Wooster University, 1893-96; attended Ohio State University, 1897-00, and was graduated in June 1900, with the degree, Bachelor of Science in Agriculture. Assistant, Ohio Experiment Station, Wooster, Ohio, 1901; Bureau of Soils, Soil Survey, 1902-03; Professor of Agriculture, New Hampshire College; Agriculturist, New Hampshire Experiment Station. At present, Professor of Agronomy and Agronomist, New Hampshire College and Experiment Station. Has written numerous bulletins, circulars and other publications of the New Hampshire Experiment Station, also newspaper and magazine articles. Member of American Society of Agronomy, American Association for Advancement of Science, National Geographical Society, Alpha Zeta and Sigma Xi.

Taylor, George Howard Draftsman
406 W. Sixth Avenue, Columbus, Ohio

Born at Sarahsville, Ohio, October 18, 1882. Attended the Ohio State University, 1902-04, in the College of Engineering. Draftsman with The C. E. Morris Steel Company, Columbus, Ohio, April 1905 to November 1906; Draftsman and Estimator, The Kilbourne & Jacobs Mfg. Co., Columbus, Ohio, April 1905 to April 1906, and November 1906 to the present time.

Taylor, Henry De Hass Bank Teller
B. A. 1909
Buckeye State Building and Loan Co.,
Columbus, Ohio

Born at Sarahsville, Ohio, April 25, 1886. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. At present, Teller, Buckeye State Building & Loan Company, Columbus, Ohio. Member of Kappa Sigma.

Taylor, Joseph Russell Professor
B. A. 1887
M. A. (Columbia University) 1897
Ohio State University, Columbus, Ohio

Born at Circleville, Ohio, July 10, 1868. Married Esther Stafford, June 1897. Attended the Ohio State University, 1881-87, two years preparatory, and was graduated in June 1887, with the degree, Bachelor of Arts; attended Columbia University, 1896-97, and was graduated in June 1897, with the degree, Master of Arts. Assistant in Drawing, Ohio State University, 1889-94; Assistant in Rhetoric, ibid., 1894-97; University Fellow in Literature, Columbia Uni-

versity, 1896-97; Assistant Professor of Rhetoric, Ohio State University, 1897-99; Assistant Professor of English Literature, ibid., 1899-01; Associate Professor of English Literature, ibid., 1901-04; Associate Professor of English, ibid., 1904-08. Since 1908, Professor of English, Ohio State University. Among his publications are: "The Overture," poems, Houghton, Mifflin & Co., 1903; "Composition and Narration," Henry Holt & Co., 1910; contributor to Atlantic Monthly, Harper's, Scribner's and Century. Member of Ohio Club and Harrow Club of Columbus, Ohio; Modern Language Association of America and Phi Beta Kappa. Editor of Ohio State University Quarterly.

Taylor, Mary Eva Teacher
B. A. 1906
1568 Neil Avenue, Columbus, Ohio

Born at Columbus, Ohio. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts; graduate student, 1909-11. Teacher of English and German, High School, Bryan, Ohio, 1906-07. Since 1907, Teacher of English and German, High School of Commerce, Columbus, Ohio. Member of Phi Beta Kappa.

Taylor, Pearl Valeria Teacher
B. A. 1897
645 South Miller Avenue, Columbus, Ohio

Born in Columbus, Ohio, October 10, 1876. Attended the Ohio State University, 1893-97, and was graduated in June 1897, with the degree, Bachelor of Arts. At present, Teacher in Public Schools, Columbus, Ohio.

Theobald, Paul Frederick Mining Engineer
E. M. 1908
Plasterco, Virginia

Born in Columbus, Ohio, August 6, 1881. Was married April 14, 1910. Attended the Ohio State University, 1900-01 and 1905-08, and was graduated in June 1908, with the degree, Engineer of Mines. Draftsman and Designer, Carnegie Steel Company; Draftsman and Designer, National Drill & Manufacturing Company; with United States Gypsum Company, as Mine Engineer at Gypsum, Ohio. At present, Mine Engineer and Mine Superintendent at Plasterco, Virginia. Has written Assayer's Report on "Test of Assay Crucibles with notes on the Types of Clay Suited to their Manufacture," by Edward Orton, Jr. and H. B. Henderson, in American Society of Ceramic Engineering, 1908.

Thomas, David C. Ceramic Chemist
The Owens China Company,
Minerva, Stark County, Ohio

Born at Llanelly, Caermarthen, Wales, January 13, 1866. Married Dora Williams, April 26, 1909. Attended the Ohio State University, 1892-94, in special work, and 1894-95 in ceramic work. Merchant and bookkeeper, eight years previous to 1887; Partner and Secretary, Columbus Brick & Terra Cotta Company, 1887 to September 1892; miscellaneous work in pottery at East Liverpool, Ohio, and Toronto, Ohio, 1896 to May 1898; Head Burner at W. S. Pottery, Wellsville, Ohio, 1898 to January 1908. Since April 1908, Head Burner and Ceramic Instructor with Owens China Company, Minerva, Ohio. Associate member American Ceramic Society, Masonic Order, Knight Templar.

Thomas, Emma Ball
(Mrs. Daniel H. Thomas)
B. Sc. 1895 M. Sc. 1896
701 Chillicothe Street,
Portsmouth, Ohio

Born at Ironton, Ohio, May 25, 1874. Married Daniel H. Thomas, July 10, 1901. Attended Ohio Wesleyan University, 1891-94; attended Ohio State University, 1894-96, and was graduated in June 1895, with the degree, Bachelor of Science; received the degree, Master of Science, in June 1896. Fellow and Assistant in Mathematics, Ohio State University, 1898-00.

Thomas, Edward Chemist
B. Sc. Chem. 1904
Texas Portland Cement Co.,
Cement, Texas

Born at Newman, Ohio, December 2, 1876. Attended the Ohio State University, 1899-04, and was graduated in June 1904, with the degree, Bachelor of Science in Chemistry. Chemist for City of Columbus, Ohio, July 1904 to May 1905; Cement Inspector for Bureau of Filtration, Pittsburgh, Pa., May 1905 to December 1908; Chemist for Technologic Branch, U. S. Geological Survey, December 1908 to September 1909; Chemist for Carnegie Steel Company, Duquesne, Pa., September 1909 to March 1910. Since March 1910, Chemist for Texas Portland Cement Company. Member of Knights of Pythias and Masons—32d Degree and Scottish Rite.

Thomas, George Brinton Professor
M. E. in E. E. 1907
Colorado College
Colorado Springs, Colorado

Born in Portage County, Ohio, August 3, 1882. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Mechanical Engineer in Electrical Engineering. Assistant in Electrical Department, Massachusetts Institute of Technology, 1907-09; Instructor in Electrical Department, ibid., 1909-10; Instructor in Electrical Engineering, Colorado College, 1910-11. Since 1911, Professor in Electrical Engineering, in charge of Department of Physics and Electrical Engineering, Colorado College. Has published an article on: "A Study of Advisability of Electrification of the Arkansas Junction, Basalt Division of the Colorado Midland Railway," Colorado College Bulletin, October, 1911. Member of Phi Kappa Sigma.

Thomas, John Frederick County Surveyor
E. M. 1909
15 Logan Avenue, Sharon, Pa.

Born at Brookfield, Ohio, April 16, 1882. Attended the Ohio State University, 1903-06; Fall and Winter of 1906-07, and Spring of 1909, and was graduated in 1909, with the degree, Engineer of Mines. Assistant Engineer, Carnegie Steel Company, South Sharon, Pa. At present, County Surveyor, Sharon, Pa. Member of Mu Omega Alpha and Acacia.

Thomas, Luther Beman Bank President
Security Savings Bank Co.,
Columbus, Ohio

Born at Jackson, Ohio, September 7, 1874. Married Elizabeth French Harding, October 23, 1907. Attended the Ohio State University, 1891-95, in the College of Arts. Assistant Cashier, Centerville National Bank, Thurman, Ohio, 1897-02; Cashier, Vinton Banking Company, Vinton, Ohio, 1902-05; President, Citizens' Savings & Trust Company, Jackson, Ohio, since 1905. At present, President, The Security Savings Bank Company, Columbus, Ohio. Member of Masonic Order, Elks Lodge and Sigma Chi. House address, 240 Fifteenth Avenue, Columbus, Ohio.

Thomas, Phillips Electrical Engineer
B. Sc. 1904
19 Edwards Place, Princeton, N. J.

Born at Granville, Ohio, July 26, 1883. Attended the Ohio State University, 1900-04, and was graduated in June 1904, with the degree, Bachelor of Science. With Western Electric Company, 1904-06; Instructor in Electrical Engineering, Princeton University, 1906-11. At present, graduate student and part time Instructor, Princeton University. Has written an article on "Dielectric Constant of Ice," Physical Review, September 1910. Member of the Masonic Order, Associate member American Physical Society, American Institute of Electrical Engineers and of Sigma Xi. Will be a candidate for the degree, Doctor of Philosophy, at Princeton University in May 1912.

Thompson, Benjamin Lee Professor
B. Sc. Agr. 1908
South Dakota State College,
Brookings, South Dakota

Born at Pataskala, Ohio, March 31, 1884. Married Harriet R. McCoy, September 15, 1909. Attended the Ohio State University, 1902-04, 1906-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Professor of Dairying and Animal Husbandry at Dunn County School of Agriculture, Menomonie, Wisconsin, 1908-09. At present, Instructor in Animal Husbandry, South Dakota State College of Agriculture and Mechanic Arts, Brookings, South Dakota. Member of The Brookings Commercial Club.

Thompson, Bessie Agnes Teacher
B. A. 1904 B. Sc. Dom. Sci. 1906
Dayton, Ohio

Born at Odebolt, Iowa, July 12, 1884. Attended the Ohio State University, 1900-04 and 1904-06; was graduated in June 1904, with the degree, Bachelor of Arts, and in June 1906, with the degree, Bachelor of Science in Domestic Science. At present, Teacher of Domestic Science, Parker High School, Dayton, Ohio. Home address, University Campus, Columbus, Ohio.

Thompson, Carmi A. Attorney
Assistant Secretary of the United States Department of the Interior
B. Ph. 1892 LL. B. 1895
Interior Department, Washington, D. C.

Born in Wayne County, West Virginia, September 4, 1870. Was married May 3, 1899. Attended the Ohio State University, 1887-89, 1890-92, in College of Arts, and was graduated in June 1892, with the degree, Bachelor of Philosophy; 1891-92 and 1894-95, in College of Law, and received the degree, Bachelor of Laws, in June 1895. Admitted to Bar of Ohio in 1895; City Solicitor of Ironton, Ohio, 1896-03; member of Legislature, 1903-07; Speaker of House, 1906-07; Secretary of State of Ohio, 1907 to January 1911. Since 1911, Assistant Secretary of Interior of the United States. Captain in Spanish-American War. Member of Knights of Pythias, Masonic Order, Elks Lodge and Alpha Tau Omega.

Thompson, Columbia Anne Teacher
B. A. 1908
1858 Summit Street, Columbus, Ohio

Born at Caldwell, Ohio. Attended the Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Bachelor of Arts. Teacher of History and Civics in High School, Newark, Ohio, and of Psychology in Normal School, 1908-10. Since 1910, Teacher of Science, High School, Columbus, Ohio.

Thompson, Ethel Herrick
(Mrs. King G. Thompson)
B. Ph. 1902
144 East Woodruff Avenue,
Columbus, Ohio

Born at Wellington, Lorain County, Ohio, March 29, 1879. Married King Gibson Thompson, September 8, 1903. Attended the Ohio State University, 1897-02, and was graduated in June 1902, with the degree, Bachelor of Philosophy. Member of Delta Delta Delta.

Thompson, Francis M. Attorney
LL. B. 1906
16 East Broad St., Columbus, Ohio

Born in Montgomery County, Ohio, December 21, 1879. Was married October 17, 1906. Attended the Ohio State University, 1902-03 and 1904-06, in College of Law, and was graduated in June 1906, with the degree, Bachelor of Laws; student during 1903-04 in College of Arts. Received highest honors at State Bar Examination, December 1905. At present, Attorney-at-Law, 1001-1005 New Hayden Building, Columbus, Ohio. House address, 407 West Seventh Avenue, Columbus, Ohio.

Thompson, Howard Clark Electrical Contractor
Thompson Electric Co.,
1229 N. High St., Columbus, Ohio

Born in DeKalb County, Missouri, December 22, 1873. Attended the Ohio State University, 1900-02. At present, General Manager, Thompson Electric Company, 1229 North High Street, Columbus, Ohio. Member of Lodge of Odd Fellows, Ancient Order United Woodmen, Fraternal Mystic Circle, Builders and Traders Exchange and North Side Chamber of Commerce, Columbus, Ohio.

Thompson, King Gibson Real Estate
144 East Woodruff Avenue,
Columbus, Ohio

Born at Georgetown, Ohio, May 6, 1876. Married Sarah Ethel Herrick. Attended the Ohio State University, 1897-00, as a special student in the College of Arts. Engaged in Real Estate business, Columbus, Ohio. President of Board of Education, Columbus, Ohio. Member of Chi Phi.

Thompson, Roy W. Sales Agent
B. Ph. 1903
American Bank Note Company,
420 First Avenue, Pittsburgh, Pa.

Born at Gallipolis, Ohio. Married in April 1909. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Philosophy. With American Bank Note Company, 70 Broad Street, New York City, three years. At present, Resident Sales Agent in Pittsburgh for the above company.

Thurston, Ariel Norton Teacher
B. A. 1909
Murphysboro, Illinois

Born at Grand Rapids, Ohio, March 10, 1885. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Bachelor of Arts. Principal of Blanchester High School, 1909-10. Since 1910, Science Teacher, Murphysboro Township High School.

Townshend, Alice
(See Alice Townshend Wing)

Townshend, Arthur B. Physician
B. Sc. 1878
M. D. (Starling Medical College) 1880
45 West 35th Street, New York City

Born at Avon, Lorain County, Ohio, July 30, 1855. Was married October 30, 1890. Attended the Ohio State University, 1873-78, and was graduated in June 1878, with the degree, Bachelor of Science; attended Starling Medical College, 1878-80, and received the degree, Doctor of Medicine, in 1880. Member of Hospital Graduates' Club of New York; Graduates' Club of New York; Ohio State University Alumni Association of New York and Phi Gamma Delta.

Tressel, Laura
(See Laura Tressel Griggs)

Tressel, Nettie Evelyn Teacher
B. A. 1910
Sistersville, West Virginia

Born at Washington, D. C. Attended the Ohio State University, 1903-04, 1906-10, and was graduated in June 1910, with the degree, Bachelor of Arts. Teacher in Columbus Public Schools, four years. At present, Teacher of History and English, High School, Sistersville, West Virginia.

Tresselt, Oswald Herman Telephone Engineer
M. E. in E. E. 1908
New York Telephone Company,
Glen Cove, Long Island, New York

Born in Columbus, Ohio, March 12, 1884. Attended the Ohio State University, 1902-07, and was graduated in June 1908, with the degree, Mechanical Engineer in Electrical Engineering. Engineering Assistant, New York Telephone Company, three years; Equipment Engineer, Long Island Division, New York Telephone Company, one year. At present, District Foreman, New York Telephone Company, Suburban Division. Member of Sigma Xi.

Tudor, Glenn E. Civil Engineer
Box 434, Sacramento, California

Born at Chicago, Ohio, January 27, 1881. Attended the Ohio State University, 1899-00, 1902-03, in the College of Engineering. Draftsman, Columbus Railway & Light Company, October 1903 to June 1904; Transitman, Construction, Sandusky, Norwalk & Mansfield Electric Ry., June 1904 to March 1905; Transitman and Assistant Engineer, C. R. I. & P. Ry., Des Moines, Val. Division, March 1905 to May 1907; Assistant Engineer, Maintenance of Way Department, Southern Pacific Company, Sacramento, California, May 1907 to March 1911; with F. A. Pease Engineering Company, Cleveland, Ohio, September 1911 to January 1, 1912. Since January 1, 1912, Assistant Engineer, Southern Pacific Company, Sacramento California. Member of University Club of Sacramento, California, and Sigma Pi.

Turnbull, William Davis Professor
C. E. 1908
Ohio State University, Columbus, Ohio

Born at Ironton, Ohio, December 5, 1883. Was married June 30, 1909. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Civil Engineer. Assistant in City Engineer's Office, Ironton, Ohio, 1902-03; Engineer in charge Street Paving, Catlettsburg, Ky., 1904; Draftsman for Ashland & Ironton Bridge Company, Summer of 1906; Draftsman, County Surveyor's Office, Lake County, Ohio, 1908-10; Tax Map Draftsman, Painesville, Ohio, Summer of 1911. At present, Instructor in Engineering Drawing, Ohio State University. Member of Masonic Order.

Turner, Carl Douglass Veterinarian
Germantown, Ohio

Born at Camden, Ohio, December 5, 1878. Married Mae Smith, February 20, 1909. Attended Iron City College, Pittsburgh, Pa., one year; attended Ohio State University, 1906-09, and received a Certificate in Veterinary Surgery in June, 1909. Bookkeeper for three years; engaged in Civil Engineering for three years. At present, Veterinarian, Germantown, Ohio. Member of Board of Public Affairs, Germantown, Ohio; Masonic Order, Veterinary Medical Association of Ohio and Alpha Psi.

Turner, Edward C. Attorney
LL. B. 1901 LL. M. 1903
384 Linwood Avenue,
Columbus, Ohio

Born at Columbus, Ohio, March 26, 1872. Married Nan Jahn, December 11, 1902. Attended the Ohio State University, 1887-88; 1898-03, and was graduated in June 1901, with the degree, Bachelor of Laws, and in June 1903, with the degree, Master of Laws. At present, practicing Law, Columbus, Ohio, and Prosecuting Attorney, Franklin County, Ohio.

Turner, Frederick Lewis Professor
B. A. 1897 M. A. 1898
Lewis Institute, Chicago, Illinois

Born in Columbus, Ohio, March 12, 1876. Married Eva Prescott, March 24, 1910. Attended the Ohio State University, 1893-97, 1897-98, and was graduated in June 1897, with the degree, Bachelor of Arts, and received the degree, Master of Arts, in June 1898. Instructor in Lima College, Lima, Ohio, 1898-00; Teacher of Latin, High School, Oak Park, Illinois, 1900-06; Teacher of Latin in Chicago High Schools, 1906-08. Since 1908, Assistant Professor in Latin, Lewis Institute, Chicago. Member of Phi Beta Kappa.

Twiss, George Ranson High School Visitor
B. Sc. 1885
Ohio State University, Columbus, Ohio

Born in Columbus, Ohio, June 6, 1863. Married Helen Gladden, March 29, 1886, who died April 12, 1890. Married Nellie Darling Leaming, June 28, 1898, who died December 29, 1902. Attended the Ohio State University, 1881-85, and was graduated in June 1885, with the degree, Bachelor of Science; attended Harvard Univer-

sity, one Summer Term; Chicago University, two Summer Terms, Columbia University, two Summer Terms. Teacher, Rayen High School, Youngstown, Ohio, 1885-91; Teacher, Central High School, Columbus, Ohio, 1891-94; Head of Department of Science, Central High School, Cleveland, Ohio, 1894-08; Teacher at Harvard University one Summer Term; Teacher, Ohio State University, two Summer Terms; Acting Professor of History and Philosophy of Education (vice F. P. Graves, absent on leave), Ohio State University, year 1911-12. Since 1908, High School Visitor, Ohio State University. Has written Laboratory Manuals in Physics for High Schools (The MacMillan Company, 1902, 196 pp.; Scott, Foresman & Co., 1906, 231 pp.); Texts on Physics for High Schools, in collaboration with Charles R. Mann, Ph. D. (Scott, Foresman & Co., 1905, 453 pp. and 1910, 423 pp.); various articles on the teaching of the Sciences. Member of National Educational Association, Central Association of Science and Mathematics Teachers, and Sigma Chi.

Tyler, Harriet Griswold Burr
(Mrs. Frederick Jared Tyler)
B. A. 1897 M. A. 1903
Perry, Ohio

Born at Worthington, Ohio, February 19, 1873. Married Frederick Jared Tyler, November 4, 1905. Attended the Ohio State University, 1891-97, and was graduated in June 1897, with the degree, Bachelor of Arts, and in June 1903, with the degree, Master of Arts. Fellow in Botany, Ohio State University, 1900-01 and 1902-03; Teacher of Science and Mathematics in a Girls' School, Tacoma, Washington, 1903-05.

Tyson, Ralph Stuart
Architectural Draftsman
29 South Terry Street, Dayton, Ohio

Born at Dayton, Ohio, May 6, 1890. Attended the Ohio State University, 1908-09, and Fall of 1909. At present, Assistand and Head Draftsman, with E. J. Mounstephen, architect, Dayton, Ohio. Member of Sigma Pi.

Vandament, Harley L. Civil Engineer
C. E. 1910
54 Perin Building, Cincinnati, Ohio

Born at Hamersville, Ohio, December 23, 1883. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Civil Engineer. Assistant on Engineering Corps, Louisville & Nashville R. R., Summer of 1910. Since September 1910, Assistant on Engineering Corps, C. & O. Ry. of Indiana.

Vandament, Orin L. Civil Engineer
704 Baltimore Street, Middletown, Ohio

Born at Hamersville, Brownlee, Ohio, December 23, 1879. Attended the Ohio State University, Fall of 1898, year 1908-09, in the College of Engineering. Draftsman with State Highway Commission of Ohio; Assistant Engineer, Cincinnati Division, Pennsylvania R. R. At present, Track Engineer, American Rolling Mill Company, Middletown, Ohio.

Vandenbark, Weldon G. Farmer
R. F. D. No. 1, Zanesville, Ohio

Born at Zanesville, Ohio, March 22, 1883. Married Lulu Hartong, March 29, 1905. Attended the Ohio State University, 1901-03, in Civil Engineering Course, and the Winter Course in Agriculture; attended Meredith Business College. Teacher of Bookkeeping and Accounting, Meredith Business College, Zanesville, Ohio, 1904-05; Farming near Zanesville, since 1905. Clerk of Falls Township and Falls Township Board of Education from January 1, 1905, to January 1, 1912. Secretary, Zanesville Pure Milk Company; Secretary, The Muskingum County Grangers' Mutual Insurance Association; member and officer in Patrons of Husbandry.

Van Dorn, Horace Bishop Salesman
23 Strathmore Road, Brookline, Mass.

Born at Red Bank, New Jersey, September 23, 1883. Married Mabel Wikoff, Oc-

tober 12, 1909. Attended the Ohio State University 1901-03, in the College of Engineering. Draftsman, Government Hull Department, Newport News Ship Building and D. D. Co., 1903-06; Salesman with Joseph Gillott & Sons, steel pens, 1906-08. Since 1908, Salesman, Joseph Dixon Crucible Company, pencil department, school and commercial. Served in militia (infantry), Newport News, Virginia; one enlistment, Second Troop Cavalry, New Jersey National Guard.

Van Sickle, Inez
(See Inez Van Sickle Livingston)

Van Tilburg, Vincent Brown Mercantile Business
The Van Tilburg Oil Company,
University and 25th Avenue, S. E.,
Minneapolis, Minn.

Born at Tiro, Ohio, December 31, 1885. Attended the University of Wooster; attended Ohio State University, 1905-07, in the College of Engineering. Assistant Treasurer, The Van Tilburg Oil Company, at the present time.

Vaughan, Henry William Professor
B. Sc. Agr. 1908 M. Sc. Agr. 1909
Ohio State University, Columbus, Ohio

Born at Cardington, Ohio, February 8, 1887. Attended the Ohio State University, 1904-09, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture, and in June 1909, with the degree, Master of Science in Agriculture. With Department of Animal Husbandry, Ohio State University, since graduation. Assistant Professor of Animal Husbandry at the present time. Member of Sigma Chi and Alpha Zeta.

Vaughn, Paul Veterinarian
2717 East Twelfth Street,
Kansas City, Missouri

Born at Jackson, Ohio, June 22, 1889. Attended the Ohio State University, 1908-11, and received a Certificate in Veterinary Surgery in June 1911. At present, Veterinary Inspector, Bureau of Animal Industry, U. S. Department of Agriculture.

Vennum, Ralph Edward Mining Engineer
E. M. 1908
West Kentucky Coal Company,
Paducah, Kentucky

Born at Martins Ferry, Ohio, March 13, 1886. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Engineer of Mines. Junior Chemist, U. S. Geological Survey; Fuel Engineer, West Kentucky Coal Company. At present, Manager of River Transportation, West Kentucky Coal Company, Paducah, Ky. Member of Masonic Order.

Viets, Willis Burton Research Chemist
E. M. 1886
Westinghouse Electric Mfg. Co.,
East Pittsburgh, Pennsylvania

Born at Conneaut, Ohio, December 31, 1861. Married Cleora E. Crowell, December 31, 1896. Attended the Ohio State University, 1882-86, and was graduated in June 1886, with the degree, Engineer of Mines. Chemist for Professor N. W. Lord, Ohio State University, 1886-94; Chemist for Carbon Iron & Steel Company, Parryville, Pa., seven years; Chemist for American Steel & Wire Co., Pittsburgh, Pa., four years. At present, Research Chemist, Westinghouse Electric & Manufacturing Company, East Pittsburgh, Pa. Has written an article on "Analysis of Babbit and Solder," 1909. School Director and member of Phi Gamma Delta. House address, Swissvale, Pennsylvania.

Vinson, Albert Earl Agricultural Chemist
B. Sc. 1901
D. Ph. (Gottingen University) 1904
University of Arizona,
Tucson, Arizona

Born at Dayton, Ohio, October 30, 1873. Married Louisa Mary Albert, June 10, 1907. Attended the Ohio State University, 1894-95, 1899-01, and was graduated

in June 1901, with the degree, Bachelor of Science; attended University of Chicago, Summer Term, 1901; attended University of Gottingen, 1902-04, and received the degree, Doctor of Philosophy, in 1904; attended University of Wisconsin, second semester of 1905. Assistant in Agricultural Chemistry, Ohio State University, 1896-01; Instructor in Agricultural Chemistry, ibid., 1901-02; Associate Chemist, Arizona Agricultural Experiment Station, 1905-07. Since 1907, Bio-Chemist, Arizona Agricultural Experiment Station. Has contributed articles to scientific papers and Experiment Station publications. Member of American Chemical Society; Fellow, American Association for Advancement of Science. Unregistered attendant on lectures at the Sorbonne, Paris, 1910-11.

Voegele, William Frederick Attorney
May Building, Mansfield, Ohio

Born at Mansfield, Ohio, October 1, 1876. Married Mary Stewart, June 4, 1902. Attended the Ohio State University, 1897-00, and received a Certificate in Law in June 1900. Attorney-at-Law, Mansfield, Ohio, 1900-08. Since 1908, member of firm of Brucker & Voegele, attorneys, May Building, Mansfield, Ohio. Mayor of Mansfield, Ohio, 1906-08. Member of Masonic Order, Elks Lodge, Odd Fellows and Sigma Nu. At present, Trustee of The Soldiers' and Sailors' Memorial Building, Mansfield, Ohio.

Volkmann, Robert E. Sales Engineer
M. E. in E. E. 1909
515 Kelly Street, Wilkinsburg, Pa.

Born at Canton, Ohio, in 1887. Attended the Ohio State University, 1905-09, and was graduated in June 1909, with the degree, Mechanical Engineer in Electrical Engineering. At present, Salesman for Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa.

Voorhees, Burt F. Attorney
LL. B. 1894
Coshocton, Ohio

Born at Coshocton, Ohio, April 18, 1869. Was married June 9, 1897. Attended the Ohio State University one year and received the degree, Bachelor of Laws, in June 1894. City Solicitor, Coshocton, Ohio, 1897-01. At present, Attorney-at-Law, Coshocton, Ohio. Member of Masonic Order and Phi Delta Phi.

Uncles, Margaret Anna Teacher
B. A. 1897
31 Gill Street, Columbus, Ohio

Born in Columbus, Ohio, July 31, 1876. Attended the Ohio State University, 1893-97, and was graduated in June 1897, with the degree, Bachelor of Arts. Teacher of Latin, North High School, Columbus, Ohio, six years. Member of Ohio State Alumnae Club and College Equal Suffrage Club.

Wacker, Alma
(See Alma Wacker Paterson)

Wadsworth, Frank Lawton Olcott
Consulting Engineer
E. M. 1888 M. E. 1889
B. Sc. in E. E. 1889
1347 Oliver Building, Pittsburgh, Pa.

Born at Wellington, Ohio, October 21, 1867. Married Laura Agnes Poole, September 6, 1893. Attended the Ohio State University, 1884-89, and was graduated in 1888, with the degree, Engineer of Mines; received the degree, Mechanical Engineer, in 1889, and the degree, Bachelor of Science in Electrical Engineering in 1889; attended Clark University, 1889-92. Fellow and Research Assistant in Physics, Clark University, 1890-92; Senior Assistant in charge Astrophysical Observatory, Smithsonian Institution, 1892-94; Assistant Professor in Physics and Astrophysics, University of Chicago, 1894-98; Associate Professor, ibid., 1899; Professor of Astronomy and Director of the Allegheny Observatory, University of Pittsburgh, 1900-04; Chief Engineer and General Manager, Pressed Prism Plate Glass Company, 1904-05; Chief Engineer, American Window Glass Company, 1905-07; Consulting and Advisory Engineer, same company, 1908 to the present time, and President,

Miller Non-Corrosive Metal Company. Has written numerous articles, the more important of which are as follows: "Determination of the Metre in Terms of the Wavelength of Light," read before the Philosophical Society of Washington, February, 1893. Unpublished. Illustrated and described the apparatus used and the results obtained at the International Bureau of Weights and Measures by Professor Michelson, Dr. Benoit and the author in establishing the length of the standard Metre in terms of the wave lengths of red, green and violet cadmium light. The full description and discussion of this work was published in Vol. XI., Traveaux et Memoirs du Bureau International des Poids et Mesures. Benoit, Derecteur. Vol. XI., 237 pp., 1895; "Annual Report of the Smithsonian Astrophysical Observatory" (with S. P. Langley, Director), Smithsonian Reports, Appendix V., June 1893; "The Manufacture of Very Accurate Straight Edges," Journal of the Franklin Institute, Vol. 138, pp. 1-20, July 1894; "Fixed Arm Spectroscopes," Philosophical Magazine, Vol. 38, pp. 337-351, October 1894; "Astronomy and Astro-Physics," Vol. 13, pp. 835-849, December 1894; "General Considerations Respecting the Design of Astronomical Spectroscopes," Astrophysical Journal, Vol. 1, pp. 52-79, January 1895; "Fixed Arm Concave Grating Spectroscopes," Astrophysical Journal, Vol. 2, pp. 370-382, December 1895; "On the Conditions of Maximum Efficiency in the Use of the Spectrograph," Astrophyical Journal, Vol. 3, pp. 321-347, May 1896; "On the Theory of Lubrication and the Determination of the Thickness of the Film of Oil in Journal Bearings," Journal of the Franklin Institute, Vol. 144, pp. 442-462, March 1897; "On the Resolving Power of Telescopes and Spectroscopes for Lines of Finite Width," Philosophical Magazine, Vol. 43, pp. 317-343, May 1897; "On the Conditions which Determine the Ultimate Optical Efficiency of Methods for Observing Small Rotations, and on a Method of Doubling the Accuracy of the Mirror and Scale Method," Philosophical Magazine, Vol. 44, pp. 83-97, July 1897; "On the Photography of Planetary Surfaces," The Observatory, Vol. 20, pp. 333-341(September), pp. 365-370 (October), pp. 404-410 (November), 1897; "Astronomical and Engineering Equipment of the New Allegheny Observatory," address delivered before the Engineers' Society of Western Pennsylvania, March 16, 1900. Astract in Proceedings of the Engineers' Society, Vol. 16, No. 4, March 1900; "Annual Report of the Director for the Year Ending December 31, 1900," Murdock-Kerr Press Company, Pittsburgh, 31 pp. Octavo, February 1901. Miscellaneous Papers of the Allegheny Observatory, Vol. 1, No. 1; "The Efficiency of the Curved Plate for Charting Purposes," The Observatory, Vol. 26, pp. 274-277, July 1901; ibid., Vol. 26, pp. 419-421, November 1901; "Annual Report of the Director of the Allegheny Observatory for 1901," New Era Printing Company, Lancaster, January 1902. Miscellaneous Papers of the Allegheny Observatory, No. 5, Vol. 1; "Optical Conditions Required to Secure Maximum Accuracy of Measurement with Telescope or Spectroscope," Part 1, Astrophysical Journal, Vol. 16, pp. 267-300, December 1902; Part 2, Vol. 17, pp. 1-20 and pp. 100-133, January and March 1903. Miscellaneous Papers of the Allegheny Observatory, No. 10, Vol. 1; "On the Effect of Absorption on Resolving Power in Prism Spectroscopes and on Methods of Mechanically Eliminating this Effect," Philosophical Magazine, Vol. 5, pp. 355-374, March 1903. Miscellaneous Papers of the Allegheny Observatory, No. 11, Vol. 1; "Annual Report of the Director of the Allegheny Observatory for 1902," Miscellaneous Papers of the Allegheny Observatory, No. 12, Vol. 1, February 1903; "On the Aberration of the Concave Grating when Used as an Objective Spectroscope," Philosophical Magazine, Vol. 6, pp. 119-156, July 1903. Miscellaneous Papers of the Allegheny Observatory, No. 13, Vol. 1; "Report of the Engineering Committee on the Raising of

Bridges over the Allegheny River," Proceedings of the Engineers' Society of Western Pennsylvania, Vol. 26, No. 5, pp. 34-38, June 1910; "The Need of Reform in our Present Patent Office Practice and Federal Court Procedure in Patent Causes," Preliminary Report to the Inventors' Guild, presented November 25, 1910. Among his patents are the following: 536-555, Telemeter, March 26, 1895, Geo. P. Whittlesey; 661-024, Apparatus for Making Glass (with D. C. Ripley), October 31, 1900, Bakewell & Byrnes; 661-025, Manufacture of Prism Glass (with D. C. Ripley), October 31, 1900, Bakewell & Byrnes; 755-197, Illuminating Structure, March 22, 1904, Foster & Freeman; 773-305, Wire Glass Sheet or Tile and Method of Making Same, October 25, 1904, Foster & Freeman; 789-191, Manufacture of Glass, May 9, 1905, Bakewell; 792-564, Apparatus for Grinding and Polishing Glass, June 13, 1905; 798-642, Method of Shaping Glass, September 5, 1905, Bakewell; 827-484, Method of Making Prism Glass, July 31, 1906, Bakewell & Byrnes; 844-485, Manufacture of Wire Glass, February 19, 1907, Christy & Christy; 866-751, Method of Exhausting Incandescent Lamp Bulbs, September 24, 1907, Bakewell; 887-554, Etching or Engraving Machine, May 10, 1908, Bakewell; 890-316, Take-Down Apparatus for Glass Cylinders, June 2, 1908, Bakewell & Byrnes; 891-197, Apparatus for Grinding and Polishing Glass, June 16, 1908, Bakewell & Byrnes; 921-923, Art of Teeming Glass, May 18, 1909, Christy & Christy; 936-389, Method of Treating Metal, October 12, 1909, Christy & Christy; 945-823, Apparatus for Exhausting Incandescent Lamps, January 11, 1910, Bakewell; 952-390, Manufacture of Plate Glass, March 15, 1910; 985-866, Drawing Hollow Glass Articles, March 7, 1911; 988-915, Method and Apparatus for Treating Metals, April 4, 1911, Christy & Christy. Curator, University Exhibits, Ohio Centennial, 1888; Special Traveling Fellowship from Clark University, 1891; Delegate from Smithsonian Institute to the International Bureau of Weights and Measures, Paris, 1892; Assistant Editor, Astrophysical Journal, 1895; Associate Editor, Harper's Scientific Memoirs, 1897; tendered Directorship of National Bureau of Standards in 1900; member of Board of Engineers Allegheny River Improvement, 1909-10; Chairman Prof. Committee Inventors' Guild, 1910; member Board of Visitors, Ohio State University, 1911; member National Council National Economic League. Member of Philosophical Society of Washington, American Physical Society, Engineers' Society of Pennsylvania, Astrophysical Society of America, American Society of Mechanical Engineers, American Electro-Chemical Society, Society for Promotion of Engineering Education, Washington Academy of Sciences, Fellow, American Association for Advancement of Science, Ohio Society of New York, foreign member, Society d'Spec Italiani, honorary member, Society Astron. d'Mexico. Member of Sigma Xi.

Wagenhals, Franklin Clark Student
B. A. 1907
144 Jackson Place, Baltimore, Md.

Born in Columbus, Ohio, January 25, 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts; graduate student 1907-08; attended Johns Hopkins Medical School, three years. Employed by Bureau of Inspection and Supervision of Public Offices, two years; Student at Johns Hopkins Medical School at the present time. Home address, Columbus, Ohio.

Wagner, Oscar C. Credit Manager
Kelley-How-Thompson Co.,
Duluth, Minnesota

Born at Andersonville, Ohio, November 11, 1883. Married Edith Julia Stewart, April 27, 1910. Attended the Ohio State University, 1900-04, and received a Certificate in Law in June 1904. Employed in a Law Office, Columbus, Ohio, until

1906. Since January 1, 1907, with Credit Department, Kelley-How-Thompson Company, Duluth, Minnesota. Member of Masonic Order, Sigma Nu and Delta Chi.

Waid, Clarence William Horticulturist
B. Sc. Hort. & For. 1898
New Carlisle, Ohio

Born at Emery, Fulton County, Ohio, May 2, 1874. Married Iva May Hughes, October 28, 1902. Attended the Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Bachelor of Science in Horticulture and Forestry. Assistant Horticulturist, New Hampshire State College, 1899-00; Assistant Horticulturist, Ohio Experiment Station, 1900-08. At present, Practical Orchardist and Vegetable Grower, New Carlisle, Ohio. Has written several bulletins jointly with Professor W. J. Green of Ohio Experiment Station. Regular contributor to Market Growers' Journal. Frequent contributor to other Agricultural papers. First Editor, Ohio Forester; Director and President, Greenhouse Vegetable Growers and Market Growers' Association of America, member of Alpha Zeta. Has given addresses before a number of National and State Organizations and acted as judge of fruits and vegetables at County and State Fairs and Shows.

Waid, Earnest David Agricultural Extension
17 Fearing Street, Amherst, Mass.

Born at Liberty Center, Ohio, April 21, 1880. Married Nelle Williams, December 25, 1906. Attended the Ohio State University, 1901-06, and was graduated in June 1906, with the degree, Bachelor of Science in Agriculture. Professor of Agriculture, Knoxville College, Knoxville, Tennessee, July 1906 to October 1907; Assistant Professor in Agronomy, University of Maine, October 1907 to August 1909; Assistant Professor of Agronomy, Ohio State University, Extension Department, August 1909 to September 1911. At present, Assistant Director of Extension Service, Massachusetts Agricultural College, Amherst, Mass.

Wakefield, George William
Mercantile Agency, Reporter
, 522 Norwood Avenue, Toledo, Ohio

Born at Bainbridge, Ross County, Ohio, March 13, 1878. Married Mary Florence Courtenay, June 27, 1905. Attended the Ohio Wesleyan University two terms of 1895-96, two terms 1896-97, and year 1897-98, in classical course; attended Ohio State University two and a half years, 1898 to June 1901, and received a Certificate in Law in June 1901. Reporter for R. G. Dun & Co., Zanesville, Ohio, February 1902 to May 1904; Reporter and Solicitor, R. G. Dun & Co., Baltimore, Md., June 1904 to December 1906; Manager, R. G. Dun & Co., Charleston, W. Va., January 1907 to February 1910; Credit Man, with Noyes, Thomas & Company, Charleston, W. Va., March 1, 1910 to December 1910. Since December 1910, Reporter and Solicitor, R. G. Dun & Co., Toledo, Ohio. Member of Masonic Order, Knights Templar, Shriners and Kappa Sigma.

Walker, Charles Edwin, Jr.
Railroad Inspector
Bandy, Virginia

Born at Blue Ball, Ohio, October 9, 1884. Married Cora C. Sens, June 14, 1911. Attended the Ohio State University, 1903-04, two terms of 1905-06, 1908-10, in the College of Engineering. Chainman, N. & W. Ry., Scioto Division, February 1903 to September 1903; Teacher, Miami Township Schools, Hamilton County, Ohio, 1904-05; Assistant Engineer, Dunnellon Phosphate Company, Dunnellon, Florida, 1906; Instrumentman, Key West Extension, Florida East Coast Ry., 1906. Since 1910, Inspector, N. & W. Ry., Indian Creek Branch.

Walker, John Madison Civil Engineer
C. E. 1896
Maysville, Marion County, Kentucky

Born at Wedonia, Kentucky, February 18, 1872. Married Mae Waller, January 31, 1899. Attended the Ohio State Uni-

versity, 1892-96, and was graduated in June 1896, with the degree, Civil Engineer. Engineer, B. & O. R. R., 1896-01; Resident Engineer, W. & L. E. Ry., 1901-03; Resident and Division Engineer, L. & N. R. R., 1903-06; Resident Engineer, Tidewater R. R., 1906-08. Since 1908, City Engineer, Maysville, Kentucky.

Walker, Rolla E. Farmer
R. F. D. No. 1, Attica, Ohio

Born at Attica, Ohio, July 6, 1880. Married Nora Ennis, March 28, 1910. Attended the Ohio State University, 1900-02, in the College of Agriculture. Worked on farm since leaving college.

Wallace, Edward Draftsman
Peerless Motor Car Co.,
Cleveland, Ohio

Born at College Hill, Ohio, July 14, 1882. Attended the Ohio State University, 1900-02, in the College of Engineering. Draftsman, Lodge & Shipley Machine Tool Company, 1905-08; Draftsman, Buick Motor Car Company, and at present, Draftsman, Peerless Motor Car Company, Cleveland, Ohio. House address, 1625 East Eighty-fifth Street, Cleveland, Ohio.

Ward, Annette Persis Librarian
Western Reserve Historical Society
Library, Cleveland, Ohio

Born at Granville, Licking County, Ohio, October 16, 1873. Attended the Ohio State University, 1899-01, and first semester of 1901; attended Pratt Institute Library School, 1902-04, and received a Certificate in Library Science. Substitute at Y. W. C. A. library, East Fifteenth Street, New York City, June to September 1904; Librarian, Woman's Institute Library, Yonkers, N. Y., October 1904 to December 1906; Librarian, Church of the Ascension Parish Library, New York City, January to June 1907; Assistant in Reference Department, Columbia University Library, New York City, July to November 1907; took a year of rest and travel in 1908. Since January 1909, Librarian of Western Reserve Historical Society Library, Cleveland, Ohio. Compiled a list of the works of Thomas Bailey Aldrich in 1907. Member of New York City Library Club, Alumni Association, Pratt Institute School of Library Science, Ohio Library Association, Life Member, American Library Association. Holds license to teach Library Science in New York City High Schools. House address, 2038 East 115th Street, Cleveland, Ohio.

Ward, Carrie Pocock
(Mrs. Harry P. Ward)
Worthington, Franklin County, Ohio

Born at Coshocton, Ohio, January 17, 1868. Married Harry Parker Ward, November 17, 1890. Attended the Ohio State University, 1886-89. Member of Kappa Kappa Gamma.

Ward, John Carroll
Consulting Engineer and Surveyor
B. A. 1880
Painesville, Lake County, Ohio

Born at Willoughby, Ohio, June 12, 1856. Married Nellie E. Baker, August 1, 1882. Attended Willoughby College, 1872-76; attended Ohio State University, 1876-80, and was graduated in June 1880, with the degree, Bachelor of Arts. Superintendent of schools at Willoughby, Ohio, 1881-85; Clerk of Courts, 1885-91; Surveyor and Engineer in private practice, 1891-99; County Engineer, Lake County, 1899-11; Painesvlle City Engineer, 1910-11. At present, Consulting Engineer and Surveyor, Painesville, Ohio. Member of Masonic Order, Shriner and Phi Gamma Delta.

Ward, Vernon Champlin Contracting Agent
M. E. 1903
American Bridge Company,
72 West Adams St., Chicago, Ill.

Born in Columbus, Ohio, July 7, 1881. Married Ruth Chadwick Handy, October 7, 1907. Attended the Ohio State University, 1898-03, and was graduated in June 1903, with the degree, Mechanical

Engineer. Took Apprentice course in Structural Steel work as offered by Illinois Steel Co., North Works, including shop practice, inspecting, drafting, designing and estimating, 1903-07; Traveling Salesman Warehouse Department, Illinois Steel Company, 1907-09. Since September 1909, Contracting Agent, Structural and Highway Bridge work, Chicago Office of American Bridge Company of New York. President of the Ohio State Club of Chicago, 1911-12; member of Western Society of Engineers, Chicago Engineers' Club and of Sigma Chi. House address, 921 Washington Street, Evanston, Illinois.

Warren, Milton Charles Superintendent of Schools
B. Sc. (Ohio Northern University) 1906
B. Sc. Edu. 1910
Mt. Gilead, Ohio

Born at Whisler, Ohio, March 7, 1874. Married February 19, 1903. Attended Ohio Northern University, Ada, Ohio, at various times from 1898 to 1906, and was graduated in 1906, with the degree, Bachelor of Science; attended Ohio State University, 1906-07, and Summer Terms of 1908 and 1909, and received the degree, Bachelor of Science in Education, in June 1910. Superintendent of Schools, Jefferson Township, Ross County, Ohio, 1903-06; Superintendent of Schools, Groveport, Ohio, 1907-11. Since 1911, Superintendent of Schools, Mt. Gilead, Ohio. Member of Masonic Order, Odd Fellows, Modern Woodmen, Grange and Ohio State Teachers' Association. Has done Teachers' Institute work in in English, History and Education and does some Lyceum work in nature of popular lectures.

Warrick, Elmer J. Attorney
B. Sc. (Ohio Northern University) 1906
LL. B. 1909
308 Engineers' Building,
Cleveland, Ohio

Born at Clarkson, Columbiana County, Ohio. Attended Mount Hope College, Rogers, Ohio, one year; attended Ohio Northern University, 1892-04, and received the degree, Bachelor of Science, in 1906; attended Ohio State University, 1906-09, in the College of Law, and was graduated in June 1909, with the degree, Bachelor of Laws. Principal in Schools at Wellston, Jackson County, Ohio, 1904-06; Student at Ohio State University, 1906-09; Agent for Prudential Life Insurance Company, June 1907-10; Agent for North American Insurance Company, 1910. At present, Practicing Law, 308 Engineers' Building, Cleveland, Ohio. Member of Acacia.

Warwick, Herbert Sherwood Secretary
B. A. 1906
Ohio State University Association
Ohio Union, Columbus, Ohio

Born at Oregonia, Warren County, Ohio, June 14, 1884. Married Hazel Ruth Hain, June 10, 1908. Attended Denver University, 1902-03; attended the Ohio State University, 1903-06, and was graduated in June 1906, with the degree, Bachelor of Arts; attended University of Michigan, Summer session, 1906. Manager of Municipal Play Grounds, Columbus, Ohio, July and August 1906; Professor of English, Ironwood High School, Ironwood, Michigan, September 1, 1906 to March 1, 1907; Salesman for Lattimer Stove Company, March 3, 1907, to February 1, 1909; Secretary-Treasurer, The C. W. Hain Safe Company, April 1, 1909 to November 1, 1911; Manager of Ohio Union, Ohio State University, May 15 to November 1, 1911. Since November 1911, Secretary of the Ohio State University Association. Member of Masonic Order and of Sigma Alpha Epsilon. House address, 332 King Avenue, Columbus, Ohio.

Washburn, Carl DeWitt Teacher
B. A. 1910
East Liverpool, Ohio

Born at Nelsonville, Ohio, November 19, 1887. Married Retta May Candell, December 28, 1911. Attended the Ohio State University, 1907-10, and one Summer, 1910, and was graduated in June 1910,

with the degree, Bachelor of Arts. Teacher of German, High School, Cambridge, Ohio, 1910-11. Since 1911, Head of History Department, High School, East Liverpool, Ohio.

Washburne, George Adrian Teacher
B. A. 1907
The Monticello, Toledo, Ohio

Born at Chillicothe, Ohio, in 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Fellowship in Library, Ohio State University, 1906-07; Principal of High School, Ottawa, Ohio, 1907-08; Fellow in American History and Political Science, Ohio State University, 1908. Since 1909, Instructor in American History and Civics, Central High School, Toledo, Ohio. Member of Chi Phi.

Watson, Benson Gruber Attorney
B. Ph. 1896
Watson, Stouffer & Davis,
Columbus, Ohio

Born at New Salem, Ohio, March 17, 1870. Married Katherine Beery, January 28, 1904. Attended the Ohio Wesleyan University, 1890-93; attended Ohio State University, 1893-96, and was graduated in June 1896, with the degree, Bachelor of Philosophy. At present, Attorney-at-Law, member of firm of Watson, Stouffer & Davis, Columbus, Ohio. Member of Columbus Country Club, Ohio Club, Chamber of Commerce and Chi Phi. House address, 1888 Summit Street, Columbus, Ohio.

Watt, H. Huston Manufacturer
B. Sc. in Chem. Engr. 1909
The Watt Mining Car Wheel Co.,
Barnesville, Ohio

Born at Barnesville, Ohio, August 28, 1886. Attended Rose Polytechnic Institute; attended Ohio State University, 1904-09, and was graduated in June 1909, with the degree, Bachelor of Science in Chemical Engineering. At present in charge of Shops and Cost Department, The Watt Mining Car Wheel Company, Barnesville, Ohio. Member of Masonic Lodge and Sigma Nu.

Watters, Margaret Anna Teacher
B. A. 1906
1851 North Fourth Street,
Columbus, Ohio

Born in Ohio. Attended the Ohio State University, 1904-06, and was graduated in June 1906, with the degree, Bachelor of Arts. At present, Teacher of Latin, East High School, Columbus, Ohio. Member of Phi Beta Kappa.

Watts, Arthur Simeon Ceramic Engineer
U. S. Bureau of Mines,
Mines Building, Ohio State University,
Columbus, Ohio

Born at Zanesville, Ohio, March 27, 1876. Attended the Ohio State University, 1897-98 and 1900-01, in short course in Ceramics, and received a Certificate in Clayworking in June 1901. Attended Charlottenburg (Germany) Technische Hochschule, 1909-10. Ceramic Engineer, Bell Pottery Company, Findlay, Ohio, 1902-03; Superintendent, New Lexington H. V. P. Co., 1903-04; Ceramic Engineer, Locke Insulator Company, 1904-09, Victor, New York. At present Quarry Technologist, U. S. Bureau of Mines, Ohio State University, Columbus, Ohio. Among his published articles are, "Composition of Porcelain for Electrical Purposes," transactions American Ceramic Society, Vol. IV.; "Bone-China Bodies," transactions American Ceramic Society, Vol. VII.; "Action of the Different Forms of Calcium as a Flux in Porcelain Manufacture," transactions American Ceramic Society, Vol. X.; "Coeffs. of Expansion of Porcelain," transactions American Ceramic Society, Vol. XI.; "Crystalline Structure in Porcelain," transactions American Ceramic Society, Vol. XI.; "Kaolin Mining in Europe," Coeffs. of Expansion of European Porcelains, transactions American Ceramic Society, Vol. XIII., and many others. Member of Masonic Order, Shriners and of Acacia.

Weaver, Samuel J. Farmer
Leipsic, Ohio

Born at Leipsic, Ohio, November 29, 1880. Married Bessie Folk, May 3, 1905. Attended the Ohio State University, 1900-01, in the College of Agriculture. Spent the year 1903 in various places in the West; School Teacher three years. At present engaged in Farming at Leipsic, Ohio

Weber, Hilda L.
(See Hilda Weber Crocker)

Weber, Mary Isabelle Teacher
B. A. 1904
Central High School, Washington, D. C.

Born in Columbus, Ohio. Attended Ohio State University, 1900-04, graduate work 1904-05, was graduated in June 1904, with the degree, Bachelor of Arts; attended Oberlin College one year and received a Diploma in Physical Training in 1908. Teacher of Physical Training, High School, Akron, Ohio, 1908-09. Since 1909, Teacher of Physical Training, Central High School, Washington, D. C. House address, Bethesda, Maryland.

Webber, Karl T. Attorney
LL. B. 1897
Chamber of Commerce Building,
Columbus, Ohio

Born at Ravenna, Ohio, August 13, 1869. Married Grace Thomas. Attended the Ohio State University, 1888-89, 1895-97, and was graduated in June 1897, with the degree, Bachelor of Laws. Prosecuting Attorney, Franklin County, Ohio, 1905 to 1911. At present, Practicing Attorney, Columbus, Ohio. Member of Knights of Pythias, Odd Fellows, Scottish Rite Masons, Shriners and of Phi Delta Phi. Treasurer, Ohio State University Association. House address, 2585 West Broad Street, Columbus, Ohio.

Weimer, George Oliver Professor
M. E. in E. E. 1910
Ohio State University, Columbus, Ohio

Born at Beach City, Ohio, June 26, 1883. Attended Wooster University 1900-02; attended Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Mechanical Engineer in Electrical Engineering. Teacher in Country Schools, 1901-03; Head of Schools at North Industry, Ohio, 1903-06. At present, Assistant, Department of Physics, Ohio State University. Among his published articles are, "The Effect of Temperature on the Di-electric Strength of Porcelain," January 1911 and June 1911; "The Valve Action of Aluminium and Some of Its Alloys," being edited. Clerk of postoffice for seven years. County Inspector. Member of American Institute of Electrical Engineers and Eta Kappa Nu.

Weinland, Edgar Lynn Attorney
B. Ph. (Otterbein University) 1891
LL. B. 1893
513-518 New First National Bank
Building, Columbus, Ohio

Born at Middletown, Ohio, May 29, 1870. Married Grace M. Fowler, August 28, 1894. Attended Otterbein University, 1887-91, and was graduated in 1891, with the degree, Bachelor of Philosophy; attended Ohio State University, 1891-93, and was graduated in June 1893, with the degree, Bachelor of Laws. Trustee of Otterbein University, 1901 to the present time. Since 1893, Attorney-at-Law, Columbus, Ohio, and at present member of firm Weinland & Scarlett. Assistant City Solicitor, Columbus, 1904-09; City Solicitor, Columbus, Ohio, 1909-10. Member of Masonic Order, Columbus Chamber of Commerce, North Side Chamber of Commerce and of Phi Delta Phi.

Welling, Florence Edna Teacher
B. Sc. Edu. 1910
239 19th Avenue, Columbus, Ohio

Born at Marysville, Ohio, in 1885. Attended the Ohio State University, 1902-04, Summers of 1908, 1909, 1910, was graduated in June 1910, with the degree, Bachelor of Science in Education. Teacher of Music in High School, Gaston, Indiana,

1906-07. At present, Teacher of English and Music, Hubbard Junior High School, Columbus, Ohio. Member of Kappa Kappa Gamma.

Welling, Franklin Postle Architect
C. E. in Arch. 1910
Worthington, Ohio

Born near Columbus, Ohio, September 3, 1885. Attended the Ohio State University, 1903-06, 1907-10, and was graduated in June 1910, with the degree, Civil Engineer in Architecture. With James E. Meek, architect, Columbus, Ohio, for six months; Rodman with Hocking Valley Ry. Co., Columbus, Ohio, 1907-08; with Postle & Fischer, architects, Chicago, Ill, 1905, 1910 and 1911. At present, Draftsman with J. N. Bradford, Ohio State University. Member of Masonic Order and of Kappa Sigma.

Welsh, Allen Grover Pharmacist
B. Sc. Pharm. 1911
19 Cleveland Avenue,
Youngstown, Ohio

Born at New Middletown, Ohio, January 19, 1889. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Pharmacy. At present with Kenney's Pharmacy, 532 Market Street, Youngstown, Ohio. Member of Ohio Pharmaceutical Association and Phi Delta Chi.

Weyant, Theodore Attorney
1133 East Broad Street,
Columbus, Ohio

Born at Newark, Ohio, September 15, 1858. Was married September 7, 1887. Attended Ohio Wesleyan University; attended Otterbein University; attended Ohio State University, 1896-97, and received a Certificate in Law in June 1897. At present Practicing Law in Columbus, Ohio. Member of Masonic Lodge, Past High Priest Temple Chapter Royal Arch Masons, Past Chancellor of Knights of Pythias.

White, David Stuart Dean and Professor
D. V. M. 1890
Ohio State University, Columbus, Ohio

Born at West New Brighton, Staten Island, New York, September 29, 1869. Married Nellie Eliza Smith, June 24, 1896. Attended Ohio State University, 1886-90 and was graduated in June 1890, with the degree, Doctor of Veterinary Medicine; attended Hanover (Germany) Veterinary High School one year; attended Berlin (Germany) Veterinary High School six months; attended Vienna Veterinary Institute of Austria six months; attended Dresden (Germany) Veterinary High School one year; attended University of Berlin (Germany) for short Special Course. Assistant in Veterinary Medicine Ohio State University, 1893-97; Assistant Professor and Chief of the School of Veterinary Medicine, Ohio State University, 1897-98; since 1898, Professor of Veterinary Medicine and Dean of the College of Veterinary Medicine. Veterinary Expert, State Live Stock Commission 1893-97; Secretary of the State Board of Veterinary Examiners, 1900-11; Special Lecturer, N. Y. S. V. C., Cornell University 1908. Among his publications are: Translation of "Malkmus Klinische Diagnostik," 1902; numerous papers and newspaper articles. Member of American Veterinary Medical Association, Ohio State Veterinary Medical Association, Columbus Milk Commission, Masonic Order and Alpha Psi. Past President of Village Council, Marble Cliff, Ohio.

White, James Chalmer Y. M. C. A. Secretary
B. Sc. Agr. 1905 M. Sc. Agr. 1907
Marysville, Ohio

Born at Morrow, Ohio, March 29, 1877. Attended the Ohio State University, 1901-07, and was graduated in June 1905, with the degree, Bachelor of Science in Agriculture, and in June 1907, with the degree, Master of Science in Agriculture. Agricultural Editor, Farm and Fireside, two

and a half years; Farmer, one year. At present, County Secretary, Y. M. C. A., Union County, Ohio. Member of Alpha Zeta.

White, Thomas Pursell Farmer
B. Sc. Agr 1907
Hooker, Ohio

Born at Lancaster, Ohio, July 16, 1885. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Science in Agriculture. At present engaged in Farming at Hooker, Ohio. Member of Delta Theta Sigma.

Wilburn, Ballard R. Pharmacist
204 West First Avenue,
Carthage, Cincinnati, Ohio

Born at Greensburg, Pennsylvania, November 28, 1891. Attended the Ohio State University, 1909-11, and received a Certificate in Pharmacy in June 1911. At present, Chemist with William S. Merrell Chemical Company, Cincinnati, Ohio.

Wilcox, Alva Newton
M. E. in E. E. 1895
The Pinneo & Daniels Company,
Dayton, Ohio

Born at Sandusky, Ohio, July 13, 1873. Attended the Ohio State University, 1891-95, and was graduated in June 1895, with the degree, Mechanical Engineer in Electrical Engineering. At present, President and General Manager, The Pinneo & Daniels Company, Dayton, Ohio. Member of Phi Gamma Delta.

Wilcox, Charles Cozzens Teacher
B. A. 1906
429 Park Place, Kalamazoo, Mich.

Born at Hamden, Ohio, August 17, 1882. Married Inez Louise Mathews, August 16, 1910. Attended the Ohio State University, 1902-06, and was graduated in June 1906, with the degree, Bachelor of Arts. Since 1907, Teacher of Geography and U. S. History in Central High School, Kalamazoo, Michigan. Member of Western Michigan Round Table and of Phi Beta Kappa.

Wildermuth, Roy Lee Coal Operator
LL. B. 1899
Blaine, Belmont County, Ohio

Born at New Lexington, Ohio, February 15, 1876. Married Goldie M. Johnson, June 6, 1905. Attended the Ohio State University, 1894-96, 1897-99, and was graduated in June 1899, with the degree, Bachelor of Laws. Attorney-at-Law, Columbus, Ohio, one year; Assistant City Solicitor, Columbus, Ohio, two years; Judge of Police Court, Columbus, Ohio, five years. At present, Assistant to President and General Manager, The Lorain Coal & Dock Company, Blaine, Ohio. He is a 32d Degree Mason and Shriner, Knight Templar, member of Elks Lodge, Knights of Pythias and Alpha Tau Omega.

Wilgus, Horace LaFayette Professor
B. Sc. 1882 M. Sc. 1889
University of Michigan,
Ann Arbor, Michigan

Born in Miami County, Ohio, April 2, 1859. Married June 24, 1886, Flora Belle Ewing, who died November 27, 1894. Married Julia Gay Pomeroy, September 1, 1897. Attended the Ohio State University, 1877-82, and 1888-89, and was graduated in June 1882, with the degree, Bachelor of Science, and in June 1889, with the degree, Master of Science. Tutor in Mathematics, Ohio State University, 1878-81; tutor in Physiology, Ohio State University, 1882-83; Private Secretary to Receiver, Cleveland & Marietta R. R., 1885-86; admitted to Ohio Bar, October 1884; began practice of law and acted as Deputy County Surveyor, Troy, Ohio, 1886-88; opened law office in Columbus, took post graduate work in History and Political Science at Ohio State University, and acted as Draftsman for Iron Substructure Company, Columbus, Ohio, 1888-91; Secretary and Professor of Elementary Law, Ohio State University, 1891-95; Professor of Law, University of Michigan, October 1, 1895, to the present time. Chief Clerk to Railroad Commissioner of Ohio, 1881-85. He has written, "Corpo-

ration Cases Annotated," 2 Vols., 1902; "United States Steel Corporaton," 1 Vol., 1901; "Should there Be a Federal Incorporation Law for Commercial Incorporations," American Bar Association Report, p. 694, 1904; "Need of a National Inc. Law," 2 M. L. R., 358, 1904; "A Proposed National Inc. Law," 2 M. L. R., 501, 1904; "Federal License or National Inc.," 3 M. L. R. 264, 1905; "The Standard Oil Fine," 6 M. L. R. 118, 1907;; Legal Education in United States," 6 M. L. R. 647, 1908; "Purchase of Shares of a Corporation by a Director from a Shareholder," 8 M. L. R. 267, 1910; "The Standard Oil Decision, Rule of Reason," 9 M. L. R. 643, 1911, and various legal notes in Michigan Law Review. Member of American Bar Association; Commercial Law League of America; Research Club, University of Michigan; American Political Science Association; Board of Commerce of Ann Arbor, Michigan; Phi Delta Phi and Phi Beta Kappa. House address, 1547 Washtenaw Avenue, Ann Arbor, Mich.

Wilgus, James Alva Professor
B. Ph. 1888 M. A. 1889
State Normal School,
Platteville, Wisconsin

Born at Conover, Ohio, October 12, 1866. Married Flavia A. McGurer, December 25, 1889. Attended the Ohio State University, 1882-88 and 1888-89, and was graduated in June 1888, with the degree, Bachelor of Philosophy, and in June 1889, with the degree, Master of Arts; attended Harvard University, 1891-92; attended University of Wisconsin, Summer Sessions, 1905, 1907, 1908, 1909, 1910, 1911. Assistant in History and Latin, Ohio State University, 1888-91; Thayer Scholar, Harvard University, 1891-92; Professor of History in State Normal School, St. Cloud, Minnesota, January to June 1894; Assistant in United States History, Ohio State University, October 1894 to January 1895; Professor of History and Political Science, State Normal School, Platteville, Wisconsin, January 1895, to the present time. Among his publications are: "Evolution of Township Government in Ohio," proceedings of American Historical Association, 1894; "Civil Government of Wisconsin" (textbook), 1897; "Outlines of Greek History" (syllabus), 1897; "Organization of Histrical Facts for Study and Recitation," proceedings of Normal School Faculties' Institute, 1901; "Some Aids to History Teaching," State Normal School Bulletin, 1910. At present engaged in special study and investigation: Relations between the United States and China, particularly as to the "Open Door," Territorial Integrity and Boxer Outbreak. Local Examiner for Wisconsin State Civil Service Commission. Member of American Historical Association, American Political Science Association, American Economic Association, Mississippi Valley Historical Association, Wisconsin State Historical Society, Phi Kappa Psi and Phi Beta Kappa.

Wilkinson, John Anderson Professor
B. Sc. 1903
Ph. D. (Cornell University) 1909
Ohio State University, Columbus, Ohio

Born at Sidney, Ohio, June 21, 1880. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Bachelor of Science; attended Cornell University, 1906-09, and received the degree, Doctor of Philosophy in 1909. Fellow and graduate student in Chemistry, Ohio State University, 1903-04; Instructor in Science, High School, Piqua, Ohio, 1904-06; Assistant in Chemistry, Cornell University, 1906-09. Since 1909, Instructor in Chemistry, Ohio State University. Member of Sigma Xi and Gamma Alpha.

Williams, Edith
(See Edith Williams Andregg)

Williams, Ernest Daniel Mechanical
M. E. 1905 Engineer
1306 Union Street, Schenectady, N. Y.

Born at Martin's Ferry, Ohio, September 7, 1883. Attended the Ohio State University, 1901-05, and was graduated in

June 1905, with the degree, Mechanical Engineer. Assistant Engineer in Steam Turbine Department, General Electric Company, for the past five years, which position he now holds. Member of Municipal Civil Service Commission, City of Schenectady, 1912. Junior member, American Society of Mechanical Engineers. Member of Sigma Xi.

Williams, Herbert Oswald Principal
B. A. 1894 High School
M. A. (Bethany College) 1895
M. A. 1900
608 Twenty-first Street
Sacramento, California

Born in Columbus, Ohio, June 30, 1873. Married Sarah E. Dimond, December 28, 1897, who died in 1902. Married Mabel Frances Pockman, August 22, 1906. Attended the Ohio State University, 1890-94, and post-graduate 1897-01, and was graduated in June 1894 with the degree, Bachelor of Arts, and in June 1900, with the degree, Master of Arts; attended University of Nebraska, 1895-96; attended Bethany College, West Virginia, 1894-95, and received the degree, Master of Arts, in 1895; attended University of California, Summers of 1905 and 1906. Instructor in Latin and Greek, Cotner University, Lincoln, Nebraska, 1895-96; Teacher in East and Central High Schools, Columbus, Ohio, 1896-01 and 1902-03; Teacher in Redlands, California, High School, 1901-02, 1904-06; Teacher in Pomona, California High School, 1903-04; Principal of High School, Redlands, California, 1906-08; Principal of Santa Barbara High School, 1908-10. Since 1910, Principal of Sacramento High School. Has made several contributions on educational subjects to the "Sierra Educational News." Member of Delta Tau Delta and Phi Beta Kappa. State Reader in Latin and Greek for California, 1906-11. Chairman Classical Section, National Educational Association meeting, 1911.

Williams, John Clark Clergyman
B. Ph. (Kansas City University) 1903
B. A. 1904
M. A. (Kansas City University) 1905
2726 Parallel Avenue,
Kansas City, Kansas

Born at Walnut Grove, Logan County, Ohio, May 6, 1877. Married Nina Starr, September 5, 1900, who died January 3, 1910. Married Edith Grace Obee, January 1, 1912. Attended Kansas City University, 1898-00, received the degree, Bachelor of Philosophy, in 1903, and Master of Arts in 1905; attended Ohio State University, 1901-04, and received the degree, Bachelor of Arts, in 1904. Minister at Whitehouse, Ohio, 1904-06; Minister at Arlington, Ohio, 1906-09; Ordained Elder in Methodist Protestant Church in 1907. At present, Professor of English Literature and History in Kansas City University. For two years was a weekly contributor to the Methodist Recorder, published in Pittsburgh, Pa. Member of Ohio Annual Conference of the Methodist Protestant Church, Trustee of Kansas City University, President of Methodist Protestant Brotherhood of Kansas City, served nearly two years as Pastor of Chelsea M. E. Church.

Williams, John Oscar
B. Sc. Agr. 1908
U. S. Department Agriculture, Bureau of Animal Industry
Colorado Experiment Station,
Fort Collins, Colorado

Born at Venedocia, Ohio, March 10, 1885. Attended the Ohio State University four years and one term, 1903-08, and was graduated in June 1908, with the degree, Bachelor of Science in Agriculture. Scientific Assistant in Animal Husbandry, U. S. Department of Agriculture, Washington, D. C.; Under Animal Husbandman, U. S. Department of Agriculture, Washington, D. C. At present, Junior Animal Husbandman, U. S. Department of Agriculture, Expert in charge of Colorado Breeding Station, Fort Collins, Colorado. Member of Alpha Gamma Rho.

Williams, Lloyd Thomas Attorney
B. Ph. 1896 LL. B. 1900
1103-15 Ohio Building, Toledo, Ohio

Born at Jackson, Ohio, May 31, 1874. Attended the Ohio State University, 1892-96, in the College of Arts, and 1897-00 in College of Law; was graduated in June 1896, with the degree, Bachelor of Philosophy, and in June 1900, with the degree, Bachelor of Laws. Member of law firm of Brown, Geddes, Schmettau & Williams, Toledo, Ohio. Member of Beta Theta Pi, Phi Delta Phi and Phi Beta Kappa.

Williams, Samuel Byron Telephone
M. E. in E. E. 1905 Engineer
Western Electric Company,
332 Schermerhorn Street,
Brooklyn, New York

Born in Dayton, Ohio, May 26, 1881. Married Helen Bogert, May 18, 1910. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. In Circuit Laboratory work, with Western Electric Company since leaving college. At present, Supervisor and Assistant to Engineer in charge of Laboratory of above company. Associate Member, American Institute of Electrical Engineers, member of New York Telephone Society and of Alpha Tau Omega and Sigma Xi.

Williams, Thomas Ambrose Mining
E. M. 1910 Engineer
"The Oaks," Alma, New Mexico

Born at Ironton, Ohio, July 26, 1888. Attended the Ohio State University, 1906-10, and was graduated in June 1910, with the degree, Engineer of Mines. At present, Engineer with The Oaks Company, New Mexico.

Williamson, Homer Davidson Physician
B. Sc. 1901
M. D. (Starling Medical College) 1904
Bethany, Ohio

Born at Middletown, Ohio, March 23, 1879. Attended the Ohio State University, 1897-01, and was graduated in June 1901, with the degree, Bachelor of Science; attended Starling Medical College, 1901-04, and received the degree, Doctor of Medicine, in 1904. First Assistant Chemist and Bacteriologist to Ohio State Board of Health, May 1900 to September 1903; Instructor in Bacteriology, Starling Medical College, 1903-04; Chemist to Elyria Water Filtration Plant at Lorain, Ohio, 1904-08. Since 1908, Practicing Medicine at Bethany, Ohio. He has written an article on, "A Rapid Accurate Method of Weighing," for American Public Health Association, published in 1903. Health Officer and Justice of Peace of Liberty Township, Butler County, Ohio. Member of American Medical Association and Phi Beta Pi.

Wills, Ernest Joseph Construction Engineer
C. E. 1910
1116 Ferry Avenue,
Niagara Falls, New York

Born at Auburn, New York, January 28, 1886. Married Jessie Davis Meas, April 25, 1911. Attended the Ohio State University, 1907-10, and was graduated in June 1910, with the degree, Civil Engineer. Since 1910, Assistant Field Engineer on Construction or enlargement of Power Stations, with Ontario Power Company, Niagara Falls, New York. Member of Phi Gamma Delta.

Wilson, Edith
B. A. 1907
Selma, Clark County, Ohio

Born near Selma, Clark County, Ohio, January 28, 1883. Attended Swarthmore College, 1901-03; attended Oho State University, 1905-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Teacher in Grades, Selma, Ohio, two years; Volunteer Probation Officer work in Springfield, Ohio; Superintendent of Detention Home until April 1909, at Springfield, Ohio; attended a School for Social and Religious Study at Selby Oak, North Birmingham, England, eleven months. At present living at Selma, Ohio. Member of Kappa Alpha Theta.

Wilson, Halbert Miller Contractor, Paving
B. Sc. (Muskingum College) 1907
B. A. 1909 LL. B. 1911
Wilson & Harper Construction Co.,
9105 Harvard Avenue,
Cleveland, Ohio

Born at Batesville, Ohio, February 3, 1887. Attended Muskingum College, 1904-07, and was graduated in 1907, with the degree, Bachelor of Science; attended Ohio State University, 1907-11, and was graduated in June 1909, with the degree, Bachelor of Arts, and in June 1911, with the degree, Bachelor of Laws. At present, Secretary-Treasurer, Wilson & Harper Construction Company, Cleveland, Ohio. Member of Delta Chi.

Wilson. John Boynton Chemist
B. A. 1911
Bureau of Chemistry
U. S. Department of Agriculture
Washington, D. C.

Born at Steubenville, Ohio, June 2, 1890. Married Dora Jane Kaye, December 20, 1911. Attended the Ohio State University, 1908-11, and was graduated in June 1911, with the degree, Bachelor of Arts. At present, Assistant Chemist, U. S. Department of Agriculture, Washington, D. C. Member of American Chemical Society and of Sigma Nu.

Wilson, John Oscar
U. S. Department of Agriculture
Bureau of Animal Industry
D. V. M. 1908
Pendleton, Oregon

Born at Lake Park, Minnesota, March 3, 1886. Attended the Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Doctor of Veterinary Medicine. Veterinary Inspector, Bureau of Animal Industry, U. S. Department of Agriculture, July 18, 1908, to the present time. Member of American Veterinary Medical Association.

Wilson, Milo D. Insurance
Bowling Green, Ohio

Born at North Baltimore, Ohio, October 31, 1880. Married Margaret L. Adams, June 30, 1906. Attended the Ohio State University, 1900-02, in the College of Pharmacy. Insurance Agent at the present time. Member of Masonic Lodge and Elks Lodge.

Wing, Alice Townshend
(Mrs. Charles M. Wing)
B. A. 1880
231 West Tenth Avenue,
Columbus, Ohio

Born at Avon, Lorain County, Ohio, June 18, 1860. Married Charles Mayhew Wing, November 8, 1881. Attended the Ohio State University, 1873-80, three years preparatory, and was graduated in June 1880, with the degree, Bachelor of Arts.

Wingard, Todd Albert Construction
M. E. in E. E. 1905 Engineer
Ohio Soldiers' and Sailors' Orphans' Home, Xenia, Ohio

Born at Altoona, Pennsylvania, April 16, 1876. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. Blacksmith and machinist, apprentice and journeyman machinist, covering a period of eleven years, Pennsylvania Railroad Company; Engineering Apprentice with Westinghouse Electric & Mfg. Company, 1905-06; Planned and erected a number of brick and concrete structures and a sanitary dairy building. Preliminary engineering, spectifications and superintending construction of sewer system, sewage disposal plant, steam and electric power plant, water softening plant and ice and refrigerator plant. At present, Mechanical Engineer and Supervisor of Instruction in plumbing, blacksmith, electrician and machinist trades, Ohio Soldiers' & Sailors' Orphans' Home, Xenia, Ohio.

Winger, Stanley DuBois Sales Engineer
4447 Indiana Avenue, Chicago, Ill.

Born at Springfield, Ohio, October 12, 1878. Married Julia Isabel Lewis, September 24, 1908. Attended Wittenberg College, Springfield, Ohio, 1894-98; attended Ohio State University, 1899-01, 1902-03, Fall and Winter. With the Engineering Departments of Kelly Road Roller Company, Foos Gas Engine Company, Springfield, Ohio; Columbus Machine Company, Columbus, Ohio; Green Engineering Company, Chicago, Ill., and at present Sales Engineer for the latter company. Member of American Society of Mechanical Engineers and Phi Kappa Psi.

Winter, Nevin Otto Attorney
B. A. (Ohio Wesleyan University) 1891
LL. B. 1897
345 Irving Street, Toledo, Ohio

Born at Benton, Ohio, June 14, 1869. Attended the Ohio Wesleyan University four years and was graduated in 1891, Attended the Ohio Wesleyan University four years and was graduated in 1891 with the degree, Bachelor of Arts; attended Ohio State University one year, and was graduated in 1897, with the degree, Bachelor of Laws. At present, Attorney-at-Law, Toledo, Ohio. Among his publications are: "Mexico and Her People of To-day," 1907, revised and enlarged edition 1912; "Guatemala and Her People of To-day," 1909; "Brazil and Her People of To-day," 1910; Argentina and Her People of To-day," 1911; "Chili and Her People of To-day," 1912, and has contributed to "World's Work," "World To-day," "Travel," "Leslie's Weekly," the National Geographic Magazine. Member of National Geographic Society, Phi Kappa Psi and Phi Delta Phi.

Wise, Albert Joseph Consulting Engineer
C. E. 1898
722-723 First National Bank,
Houston, Texas

Born at Suffield, Ohio, December 18, 1871. Was married September 20, 1899. Attended Buchtel College one year; attended Ohio State University, 1894-98, and was graduated in June 1898, with the degree, Civil Engineer. Rodman, P. A. & R. R. R. Summer of 1895; track apprentice Illinois Central R. R., July and August 1898; with C., C., C. & St. L. Ry. as follows: August 1898 to January 1899, Instrumentman and building inspector; January 1899 to June 1901, Assistant Engineer in Maintenance and Construction, including construction of South Anderson cut-off line, and ten miles of double track work, designing of yard tracks and concrete culverts, and calculating girder bridges on Indianapolis division; June 1901 to April 1902, Supervisor of track on The Cleveland-Indianapolis Division; March 1902 to date, Private Practice, Civil Engineering, Houston, Texas, designing and construction of paved streets, roads and bridges, sewers, farm and municipal drainage, rice irrigation, also location of part of Cairo Northern R. R.; Chief Engineer and Manager, The Trinity Valley & Northern R. R. in charge of locaton and construction. At present, member of firm of Howe & Wise, Consulting Engineers, in charge of Harris County Engineering work involving annual expenditure of $200,000, maintenance and construction of The Westmoreland R. R., costing about $50,000; The Houston Heights Paving costing $180,000. Member of Elks Lodge.

Wise, James Garfield Civil Engineer
C. E. 1906
8 Lenox Avenue, White Plains, N. Y.

Born at New Berlin, Ohio, January 3, 1881. Married Mary Frances, October 12, 1911. Attended Butler College two years; attended Ohio State University, 1903-06, and was graduated in June 1906, with the degree, Civil Engineer. Rodman on Right of Way Surveys with New York, New Haven and Hartford R. R. in 1906; Draftsman with New York Central R. R., 1906-07; Instrumentman on Terminal Construction in New York City, with New York Central R. R., 1907-10. At present, As-

sistant Engineer, in charge of line and grade work on Grand Central Terminal Improvements, New York City.

Withgott, Frank Evans Civil Engineer
C. E. 1908
Mt. Vernon Bridge Company,
Mt. Vernon, Ohio

Born at New Holland, Ohio, June 10, 1881. Married Ethel Welch, November 30, 1911. Attended Ohio Wesleyan University, 1899-02; attended Ohio State University, 1905-08, and was graduated in June 1908, with the degree, Civil Engineer. Principal of High School, Piketon, Ohio, 1902-03; Superintendent, Scioto Township Schools, Pike County, Ohio, 1903-04; Superintendent, Piketon Schools, 1904-05; Deputy County Engineer, Muskingum County, Ohio, 1908-11. At present, Detailer with The Mt. Vernon Bridge Company, Mt. Vernon, Ohio. Member of Delta Tau Delta. House address, 509 East Vine Street, Mt. Vernon, Ohio.

Wolf, Benjamin J. Attorney
LL. B. 1906
1128 Central National Bank Bldg.,
St. Louis, Missouri

Born at Gnadenhutten, Ohio, May 31, 1881. Attended the Ohio State University, 1901-04, in the College of Law, and 1904-06, in the College of Arts, and was graduated in June 1906, with the degree, Bachelor of Laws. Practicing Law at 1128 Central National Bank Building, St. Louis, Missouri. Member of Tower Grove Turn Verein, Brotherhood of American Yeomen, Knights of the Maccabees of the World. House address, 3644 Cleveland Avenue, St. Louis, Missouri.

Wolfe, Arthur Clifton County Surveyor
M. E. 1905
Mt. Vernon, Ohio

Born at Mt. Vernon, Ohio, June 4, 1883. Attended the Ohio State University, 1901-05, and was graduated in June 1905, with the degree, Mechanical Engineer. Draftsman with The C. & G. Cooper Company, Mt. Vernon, Ohio, 1905-07. Since 1907, operating a Brick Plant at Mt. Vernon, Ohio, and at present County Surveyor, Knox County.

Wolfe, Carrie Elizabeth Professor
B. A. 1907
West Virginia Woman's College
Buckhannon, West Virginia

Born at Bainbridge, Ross County, Ohio, January 17, 1884. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Arts. Teacher of Latin and Geometry, 1909-10; Teacher of Latin and English, 1910-11. At present, Teacher of Latin, West Virginia Woman's College, Buckhannon, W. Va. Member of Phi Beta Kappa.

Wolfley, John Willard Plumber
Delaware, Ohio

Born at Delaware, Ohio, March 9, 1873. Married Jessie Wright, June 6, 1900. Attended the Ohio State University, 1894-96, in the Ceramics Course. With Evans & Howard Fire Brick Company, St. Louis, Mo., 1898; with Columbia Enc. Tile Company, Anderson, Indiana, 1899-02; with Mosaic Tile Company, Zanesville, Ohio, 1903-08. At present engaged in Plumbing and Sheet Metal business, Delaware, Ohio.

Wonnell, Harry S. Attorney
LL. B. 1907
510-511 Reutschler Building,
Hamilton, Ohio

Born at Eaton, Ohio, December 1, 1884. Was married November 24, 1909. Attended the Ohio State University, 1903-07, and was graduated in June 1907, with the degree, Bachelor of Laws. At present, Practicing Law, Hamilton, Ohio. Member of Masonic Lodge.

Wonnell, Kent W. Patent Attorney
M. E. in E. E. 1908
1124 Monadnock Building,
Chicago, Illinois

Born at Port Clinton, Ohio, July 28, 1885. Attended New York Law School

two years; attended Ohio State University, 1903-06, 1907-08, and was graduated in June 1908, with the degree, Mechanical Engineer in Electrical Engineering. Patent Attorney, with Brown & Hopkins, Chicago, Illinois.

Wood, Charles Lyman Sales Agent,
410 Carnegie Building Steel
Pittsburgh, Pa.

Born at Youngstown, Ohio, September 11, 1873. Married Hanora M. Thorne, April 16, 1900; and Margaret Merchant, November 24, 1906. Attended the Ohio State University, 1892-93, in the College of Engineering. At present, General Sales Agent, Carnegie Steel Company, Pittsburgh, Pa. School Director. Member of Sigma Chi.

Wood, Francis Carter Physician and
B. Sc. 1891 Professor
M. D. (Columbia University) 1894
200 West 56th Street, New York City

Born in Columbus, Ohio, December 30, 1869. Married Edith Warren Sterling, October 15, 1901. Attended the Ohio State University, 1887-91, and was graduated in June 1891, with the degree, Bachelor of Science; attended Columbia University, College of Physicians and Surgeons, 1891-94, and received the degree, Doctor of Medicine, in 1894. Interne, St. Luke's Hospital, New York, 1894-96; Assistant in Clinical Pathology, Columbia University, 1897-99; Instructor in Clinical Pathology, ibid., 1899; Adjunct Professor in Clinical Pathology, ibid., 1904; Professor, Clinical Pathology, ibid., 1906; at the present time, Professor Clinical Pathology and head of the Department; Attending Physician and Director of the Laboratories, St. Luke's Hospital, New York; Consulting Pathologist Vassar Brothers Hospital, Poughkeepsie, New York. Among his publications are: "Prognostic Value of the Diazo-Reaction in Pulmonary Tuberculosis," Medical News, 1903; "Mixed Tumors of the Salivary Glands," Annals of Surgery, 1904; "A Simple and Rapid Chromatin Stain for the Malarial Parasite," Medical News, 1903; "Viability of the Pneumococcus after Drying: A Study of One of the Factors in Pneumonic Infection." Journal of Experimental Medicine, 1905; "Articles on Lymph Nodes and Rickets in Wood's Reference Handbook of the Medical Sciences," second edition; chapter on "Repair," Keen's System of Surgery, Saunders, Philadelphia; "The Department of Clinical Pathology," Columbia University Quarterly, 1907; "Hospital Laboratories: Their Functions and Organization," Columbia University Quarterly, 1908; "Value of Some Modern Laboratory Methods for the Practitioner," Journal of the Medical Society of New Jersey," 1908 "Relation of the University to Medical Education," Bulletin of the Ohio State University, 1908. Among his publications are: "Laboratory Guide in Clinical Pathology," J. T. Dougherty, N. Y., 1899, and "Chemical and Microscopical Diagnosis," D. Appleton & Co., New York, 1905, 1909, 3d edition, 1911. Fellow, American Association for the Advancement of Science, Associate member, Association of ican Association for the Advancement of cal and Bacteriological Society, Society for Experimental Biology and Medicine, New York Pathological Society, New York Academy of Medicine, Harvey Society and Beta Theta Pi.

Wood, Paul John Manufacturer
Pekin Egg Case Company,
Pekin, Illinois

Born at Piqua, Ohio, March 11, 1883. Attended Wooster University, preparatory department, in 1900; attended Ohio State University, 1901, 1902 and first term of 1903, in the Electrical Engineering Course. Secretary, Illinois Box Board Company. At present, Manager, Pekin Egg Case Company, Pekin, Ill. Member of Tazewell Club, Pekin, Ill., Creve Coeur Club, Peoria, Ill., and Beta Theta Pi.

Wood, Willard B. Farmer
B. Sc. 1893
R. F. D. No. 2, Marshalltown, Iowa

Born in Columbus, Ohio, September 21, 1869. Married Mabel Blanche Perrin, December 21, 1898. Attended the Ohio Wesleyan University two years; attended Ohio State University, 1886-88, preparatory, and 1891-93, collegiate, and was graduated in June 1893, with the degree, Bachelor of Science. Clerk in Postoffice, twelve years; Bookkeeper, four years. At present, Farmer near Marshalltown, Iowa.

Woodborne, Edwin S. Manufacturer
Fox Lake Canning Company,
Fox Lake, Wisconsin

Born at Cadiz, Ohio, in 1871. Married E. Blanche Cooper in 1903. Attended the Ohio State University, 1887 to April 1893. At present, Superintendent of Fox Lake Canning Company, Fox Lake, Wisconsin. Member of Masonic Lodge.

Woods, William B. Attorney
B. Ph. 1902 LL. B. 1904
1513 Williamson Building,
Cleveland, Ohio

Born at Hiram, Ohio, August 30, 1879. Married Helen E. Buell, October 6, 1909. Attended the Ohio State University, 1899-02, in the College of Arts, 1902-04 in the College of Law; was graduated in June 1902, with the degree, Bachelor of Philosophy, and in June 1904, with the degree, Bachelor of Laws. Since 1904, practicing Attorney, Cleveland, Ohio. Member of City Council of Cleveland, Ohio; Member of Beta Theta Pi, Phi Delta Phi and Phi Beta Kappa.

Work, Norman Ralph Electrical Engineer
B. A. (Wittenberg College) 1906
M. A. (Wittenberg College) 1908
M. E. in E. E. 1908
E. W. Clark & Company,
909 Wyandotte Building,
Columbus, Ohio

Born at Harrisburg, Pennsylvania, October 31, 1885. Attended Wittenberg College, 1902-06, and was graduated in 1906, with the degree, Bachelor of Arts; received the degree, Master of Arts, in 1908; attended Ohio State University, 1906-08, and received the degree, Mechanical Engineer in Electrical Engineering, in 1908. At present, Engineer with E. W. Clark & Company, Columbus, Ohio. Associate member, American Institute of Electrical Engineers and member of Beta Theta Pi.

Work, William Roth Professor
B. A. (Wittenberg College) 1902
M. E. in E. E. 1905
Carnegie Technical Schools,
Pittsburgh, Pennsylvania

Born at Steelton, Pennsylvania, May 4, 1881. Married Ola Kautzman, June 27, 1907. Attended Wittenberg College and was graduated in 1902, with the degree, Bachelor of Arts; attended Ohio State University, 1902-05, and was graduated in June 1905, with the degree, Mechanical Engineer in Electrical Engineering. With Westinghouse Electric & Manufacturing Company, Pittsburgh, Pa., 1905-06; with Carnegie Technical Schools, Department of Electrical Engineering, Pittsburgh, Pa., 1906; Junior member of Wurts & Work, Consulting Electrical Engineers, 1909. At present, Assistant Professor of Electrical Engineering, Carnegie Technical Schools, Pittsburgh, Pa. Associate member, American Institute of Electrical Engineers, member of Beta Theta Pi and Sigma Xi. House address, 1137 Murrayhill Avenue, Pittsburgh, Pa.

Wright, Carrie Teacher
B. Ph. 1892
562 Oakwood Boulevard, Chicago, Ill.

Born at Dublin, Ohio. Attended the Ohio State University, 1888-92, and was graduated in June 1892, with the degree, Bachelor of Philosophy; attended University of Chicago, 1910-12. Teacher, The Loving School, Chicago, 1892-93; Instructor in Latin, Greek, Roman, Mediaeval and Modern History, Armour Institute of Technology, 1893-10. At present, student,

University of Chicago, Major, Sociology; Minor, History of Art. Thesis for Master's degree in preparation, "Civic Aesthetics." Member of Chicago Woman's Club, Chicago College Club, Chicago Ohio State University Club, Nike Club, Drama League of America and Kappa Kappa Gamma. President of Nike Club. Delegate to Municipal Art League for three years.

Wright, Laurence Good Farmer
B. Sc. Agr 1911
R. R. No. 3, New Vienna, Ohio

Born at Highland, Ohio, July 31, 1888. Attended the Ohio State University, 1907-11, and was graduated in June 1911, with the degree, Bachelor of Science in Agriculture. At present, Farmer and stock raiser, New Vienna, Ohio. Member of Delta Theta Sigma.

Wright, Nelle Teacher
B. Ph. 1901
Lewis and Clark High School,
Spokane, Washington

Born at Worthington, Ohio. Attended Goucher College; attended University of Chicago; attended Ohio State University, 1899-01, and was graduated in June 1901, with the degree, Bachelor of Philosophy. Preceptress, Tougaloo University, Mississippi; Teacher in High School, La Porte, Indiana; Teacher in High School, Spokane, Washington. At present, Teacher in Lewis and Clark High School, Spokane, Washington. Member of Eastern Star, Rebecca Lodge, Daughters of American Revolution, Sorosis Club, Tau Kappa Pi.

Wynne, Francis Edmund Electrical Engineer
B. A. (Bethany College) 1897
M. A. (Bethany College) 1898
M. E. in E. E. 1902
Westinghouse Electric & Mfg. Co.,
Pittsburgh, Pennsylvania

Born at Fredericksburg, Virginia, August 31, 1880. Married Ann Charlesworth Roberts, April 25, 1906. Attended Bethany College, Bethany, W. Va., 1893-98, and received the degree, Bachelor of Arts, in 1897, "Magna cum Laude," and the degree, Master of Arts, in 1898; attended Ohio State University, 1899-02, and was graduated in June 1902, with the degree, Mechanical Engineer in Electrical Engineering. On Civil Engineering Corps of South Penn Oil Company, Mannington, W. Va., August 1898 to September 1899, and Summers of 1900 and 1901. Since 1902, with the Westinghouse Electric & Mfg. Co., Pittsburgh, Pa., on apprentice course in shop, test floor and Engineering Department, 1902-04; in Engineering Department since 1904; Instructor in "Casino Technical Night School," Turtle Creek, Pa., September 1904 to June 1909, in charge of Mathematics Department above school, sessions 1906-07 and 1907-08; in charge Electrical Department of same school, session 1908-09. At present, Engineer in charge of Railway Section, General Engineering Division, Westinghouse Electric & Mfg. Co., Pittsburgh, Pa. He has published various articles in series on "Electric Railway Engineering," in Electric Journal, 1906-08, and an article on "Locomotives for Heavy Interurban Freight Haulage," Electric Railway Journal, November 25, 1911. Member of Westinghouse Club, Associate member, American Institute of Electrical Engineers. House address, 1312 Elm Street, Wilkinsburg, Pa.

Yeager, William G. Horticulturist
Fairview Orchards Company,
Central Point, Oregon

Born at Sprankle Mills, Pennsylvania, October 1, 1882. Attended the Ohio State University, 1903-08. Consulting Horticulturist for the Miller Brothers Company in Southwestern Texas, 1908-10. At present, Superintendent Fairview Orchards Company, Inc.

Yeagle, William Austin Manufacturer
M. E. in E. E. 1907 Concrete Block
Yeagle Construction Company
Clyde, Ohio

Born at Oak Harbor, Ohio, January 26, 1881. Married Grace E. McIntosh, June

15, 1910. Attended Western Reserve Academy, 1900-02; Ohio State University four and a half years, 1902-04, Winter and Spring of 1905 and 1905-07, and was graduated in June 1907, with the degree, Mechanical Engineer in Electrical Engineering. At present, owner of Yeagle Concrete Block Factory and Superintendent and Engineer of Yeagle Construction Company. Member of Board of Public Affairs at Clyde, Ohio.

Young, John Wesley Professor
B. Ph. 1899
M. A. (Cornell University) 1901
Ph. D. (Cornell University) 1904
Dartmouth College,
Hanover, New Hampshire

Born at Columbus, Ohio, November 17, 1879. Married Mary Louise Aston, July 20, 1907. Attended the Ohio State University, 1895-00, and was graduated in June 1899, with the degree, Bachelor of Philosophy; attended Cornell University, 1900-03, and received the degree, Master of Arts, in 1901, and the degree, Doctor of Philosophy, in 1904; held Graduate Fellowship at Ohio State University, 1899-00, and at Cornell University, 1900-02; Instructor in Mathematics, Northwestern University, 1903-05; Assistant Professor of Mathematics, Princeton University, 1905-08; Assistant Professor of Mathematics, University of Illinois, 1908-10; Professor and head of Department of Mathematics, University of Kansas, 1910-11. Since 1911, Professor and head of Department of Mathematics, Dartmouth College. He has written, Projective Geometry, Vol. 1 (with O. Veblen), Ginn & Co., Boston, 1910; Lectures on Fundamental Concepts of Algebra and Geometry, Macmillan Co., 1911; and numerous articles in mathematical journals; Editor of Bulletin of American Mathematical Society, member of Council of American Mathematical Society; Member of American Mathematical Society, Deutsche Mathematiker Vereinigung, Circolo Matematico di Palermo, Sigma Xi and Phi Beta Kappa.

Young, Thomas Bruce Mining Engineer
Brownsville Engineering & Contracting Co., Brownsville, Pennsylvania

Born at Banksville, Pennsylvania, September 22, 1880. Married Marie Salzman, October 12, 1905. Attended the Ohio State University, 1901-03, in the short course in Mining. Engineer for Oregon C. Co., Yonoke C. Co., J. B. B. Co. on Tug River, West Virginia. Engaged in General Engineering at Brownsville, Pa., operating several mines. At present, Manager of Brownsville Engineering & Contracting Company, Brownsville, Pa. Borough Engineer for three Boroughs. Member of Board of Examiners to examine Mine Inspectors for Pennsylvania.

Youmans, William Raymond Electrical
M. E. in E. E. 1903 Engineer
1214 Highland Street, Columbus, Ohio

Born at Pataskala, Ohio, January 29, 1881. Was marred October 25, 1905. Attended the Ohio State University, 1899-03, and was graduated in June 1903, with the degree, Mechanical Engineer in Electrical Engineering. Apprentice and Engineer with General Electric Company, 1903-07. Since 1907, Electrical and Mechanical Engineer with Jeffrey Manufacturing Company.

Ziliox, Leon Jacob Attorney
LL. B. 1909
Hamilton, Ohio

Born at Hamilton, Ohio, January 23, 1887. Attended the Ohio State University, 1905-06, in the College of Arts, 1906-09 in the College of Law, and was graduated in June 1909, with the degree, Bachelor of Laws. At present, Attorney-at-Law, Hamilton, Ohio. Member of Sigma Nu.

Zimmer, James Francis Entomologist
B. Sc. Hort. & For. 1909
Bureau of Entomology,
Department of Agriculture,
Washington, D. C.

Born in Union County, Ohio, December 20, 1883. Attended Cornell University one

year; attended the Ohio State University, 1905-06, and was graduated in 1909, with the degree, Bachelor of Science in Horticulture and Forestry. Since July 1909, Assistant Entomologist, U. S. Department of Agriculture, Washington, D. C. He has written a Bulletin on the Grape Scale, U. S. Bureau of Entomology, January 1, 1912. Member of Entomological Society of America, American Economic Entomological Society, American Association for the Advancement of Science and Delta Theta Sigma. Accompanied Professor W. A. Kellerman to Guatemala in 1908.

Zink, Joseph Albert Electrical Engineer
M. E. in E. E. 1908
705 Plymouth Building, Chicago, Ill.

Born at Wapakoneta, Ohio, November 8, 1883. Married Carrie E. Peck, August 5, 1909. Attended the Ohio State University, 1904-08, and was graduated in June 1908, with the degree, Mechanical Engineer in Electrical Engineering. At present, Electrical Engineer, with Lounsbery Brothers Company, Chicago, Ill. Member of American Institute of Electrical Engineers and Eta Kappa Nu. House address, 2131 Cortez Street, Chicago, Illinois.

Zurfluh, William Nicholas Electrical
M. E. in E. E. 1894 Engineer
271 Arcade Building, Dayton, Ohio

Born at Perrysburg, Ohio, November 15, 1870. Married Gertrude Dempcy, May 25, 1899. Attended the Ohio State University, 1890-94, and was graduated in June 1894, with the degree, Mechanical Engineer in Electrical Engineering. Instructor in Manual Training High School, Toledo, Ohio, 1896-97; Electrical Contractor and Engineer, with The F. Bissell Company, Toledo, Ohio, 1894-95; Electrical Contractor and Engineer, 1897-00; Superintendent of Home Lighting, Power & Heating Company, Springfield, Ohio, 1900-06. Since 1906, Superintendent, The Dayton Arcade Company, Dayton, Ohio. Has contributed to The American Electrician, 1900-05, and to The Engineer, 1906. Member of Sigma Alpha Epsilon.

SUPPLEMENTARY LIST

Members of the Association who did not Send in "Who's Who" Blanks

Andress, Edna Columbus, Ohio
(See Mrs. Edna Andress Stone)

Atkinson, Warren Norfolk, Va.
Mathew Fontain Mawry High School

Backus, Henry W. Columbus, Ohio
Columbus Savings & Trust Bldg.

Bailey, H. R. Cornwall-on-Hudson, N. Y.

Balz, L. C. F. Bandon, Oregon
Box 387

Baker, Mrs. Allie Slyh Trenton, Mo.
R. F. D. No. 9 (Mrs. W. H. Baker)

Baker, W. H. Trenton, Mo.
R. F. D. No. 9

Bean, Richard E. Columbus, Ohio
821 East Main Street

Bell, Florence L. Columbus, Ohio
96 Lexington Avenue

Bender, J. E. Greenville, Tenn.
U. S. Bureau of Animal Husbandry

Benzing, Elmer L. College Hill, Ohio

Black, J. B. Youngstown, Ohio
1229 Kensington Avenue

Bleininger, A. V. Urbana, Ill.
University of Illinois

Bock, Harrison Pittsburgh, Pa.
Care of Lyon & Hunter

Borror, R. M. Delaware, Ohio

Bott, George R. Columbus, Ohio
1081 Hunter Avenue

Boylan, Marguerite Columbus, Ohio
155 Fourteenth Avenue

Bradford, Grace E. Youngstown, Ohio
520 Bryson Street

Burns, Sara L. Columbus, Ohio
79 North Grant Avenue

Burton, Ella M. Columbus, Ohio
522 Vermont Place

Bygate, Harry G. Detroit, Michigan
1070 Fort Street, West

Calkins, W. B. Boston, Mass.
220 Devonshire Street

Capron, M. F. Elyria, Ohio

Carlisle, John F. Columbus, Ohio
Assignment Room—Court House

Carroll, P. H. Herrin, Illinois

Chubb, Joseph H. Chicago, Illinois
1440 Commercial Bank Bldg.

Coover, W. F. Ames, Iowa
Iowa State College

Covert, Florence Columbus, Ohio
1969 Waldeck Avenue

Crabbe, Thyrza Malette, South Dakota

SUPPLEMENTARY LIST—Continued

Cragg, Shirley R. Haileyburg, Ontario, Can.

Cunningham, Charles G. Toledo, Ohio
2120 Maplewood Avenue

Danford, Cook Bellaire, Ohio

DeFrees, J. K. Troy, Ohio
Troy National Bank

Demorest, D. J. Columbus, Ohio
Ohio State University

Detmers, Freda Columbus, Ohio
Ohio State University

Edmonds, G. L. Urbana, Illinois
University of Illinois

Eisenbach, E. E. Long Branch, New Jersey
176 Broadway

Eisenlohr, B. A. Columbus, Ohio
Ohio State University

Elsner, R. E. Cadillac, Michigan

Ernswiler, J. E. Ann Arbor, Michigan

Evans, Cora Roberts Columbus, Ohio
(Mrs. W. L. Evans)
81 South Champion Avenue

Evans, J. Stanley Cincinnati, Ohio
Hyde Park

Evans, William L. Columbus, Ohio
Ohio State University

Feiel, Ida Columbus, Ohio
520 East Main Street

Fisher, Clara Columbus, Ohio
(See Mrs. Clara Fisher Milligan)

Follet, Mary Worcester, Mass.
(See Mrs. Mary Follett Orton)

Fox, J. H. Pittsburgh, Pa.
Schenley Hotel

Gatewood, Wesley E. Clintonville, Ohio

Goodell, R. S. Mount Vernon, Ohio
Mt. Vernon Bridge Company

Graham, John W. Cagayan, Misamis, P. I.

Graham, Mrs. Louise Whipps
(Mrs. John W. Graham)
Cagayan, Misamis, P. I.

Greaves-Walker, Mrs. Mary A. McKinley
(Mrs. Arthur F. Greaves-Walker)
Columbus, Ohio
Oxley Hall, University Campus

Green, Thomas J. Shelby, Ohio

Hamilton, Lucy East Liberty, Ohio

Hamilton, Ross E. Coshocton, Ohio

Harris, E. D. Fargo, North Dakota

Harrington, Evaline Columbus, Ohio
1330 Forsythe Avenue

Heacock, C. C. Carlsbad, New Mexico

Hine, James S. Columbus, Ohio
Ohio State University

Hine, L. A. Chicago, Illinois
1620 East Randolph Street

Hinkle, A. H. Columbus, Ohio
28 Thirteenth Avenue

Hite, Bertha C. Washington, D. C.
Department of Agriculture

Hoffman, George T. Malta, Ohio

SUPPLEMENTARY LIST—Continued

Holt, Mabel S. Columbus, Ohio
(See Mrs. Mabel Holt Linton)

Hood, Peyton R. Pittsburgh, Pa.
729 Maryland Avenue

Houston, Christine Marysville, Ohio

Howard, A. B. Columbus, Ohio
123 King Avenue

Hubbard, R. N. Columbus, Ohio
371 East Broad Street

Hughes, Raymond M. Oxford, Ohio
Miami University

Hurlbut, C. C. Columbus, Ohio
122 West Third Avenue

Johnston, H. L. Troy, Ohio
216 West Franklin Street

Johnson, Walter A. Crafton, Pa.

Keely, Mrs. Ruby Knight Shinnston, W. Va.
Owens Mine

Keffer, Frederick Greenwood, Canada, B. C.

Kershaw, S. C. Columbus, Ohio
Columbus Bolt Works

Kinney, E. J. Lexington, Kentucky
Kentucky State University

Kircher, Henry Mt. Vernon, Ohio
407 East Gambier Street

Kiser, Katherine Columbus, Ohio
81 Miami Avenue

Klinefelter, T. A. Columbus, Ohio
207 West Eighth Avenue

Knight, Ruby Shinnston, W. Va.
(See Mrs. Ruby Knight Keely)

Laylin, Clarence D. Columbus, Ohio
303 West Eighth Avenue

Linn, Edward R. New Haven, Conn.
60 Whaley Avenue

Linton, Mrs. Mabel S. Holt Columbus, Ohio

Lipp, George A. Roswell, N. M.

Lisle, Mabel Columbus, Ohio
(See Mrs. Mabel Lisle Meade)

Lorenz, Mrs. Nellie Sheets
The Summit Washington, D. C.

Lovejoy, J. R. Schnectady, N.Y.
General Electric Company

Lowe, C. D. State College, Pa.

McAllister, H. A. Grand Forks, N. D.
University of North Dakota

McKinley, Mary A. Columbus, Ohio
(See Mrs. Mary A. Greaves-Walker)

Marsh, Alice Columbus, Ohio
(See Mrs. Alice Marsh Scott)

Marsh, H. A. Amlin, Ohio

Martin, Clare S. Moundsville, W. Va.

Marvin, C. F. Washington, D. C.
U. S. Weather Bureau

Martz, Mrs. Amy L. K. Worthington, Ohio

Mayer, Carl F. Columbus, Ohio
552 Linwood Avenue

SUPPLEMENTARY LIST—Continued

Meade, Mrs. Mabel Lisle Columbus, Ohio
(Mrs. W. E. Meade)
135 King Avenue

Miller, C. D. Buffalo, New York
126 Auburn Avenue

Milligan, Mrs. Clara Fisher Columbus, Ohio
(Mrs. James P. Milligan)
301 West Sixth Avenue

Mitchell, Russell S. Columbus, Ohio
1814 North High Street

Morton, George L. Washington, D. C.
264 U. S. Patent Office

Mundhenk, Dr. H. C. Brookville, Ohio

Mytinger, W. H. Cincinnati, Ohio
Ohio Medical College

Needles, Ada R. Groveport, Ohio

Nurian, K. New York City
Building 24 U. S. Navy Yard

O'Kane, Sarah Columbus, Ohio
(See Mrs. Sarah O'Kane Raymund)

Orton, Mrs. Mary Follett Worcester, Mass.
(Mrs. Samuel Torrey Orton)
6 Dixon Avenue

Oyler, L. M. Okeana, Ohio

Paine, S. W. Columbus, Ohio

Park, C. W. Cincinnati, Ohio
University of Cincinnati

Parks, Charles A. Detroit, Michigan
201 Old P. O. Building

Pease, E. L. Columbus, Ohio
100 North High Street

Pirrung, Mary C. Columbus, Ohio
904 Bryden Road

Postlewaite, David N. Columbus, Ohio
Wyandotte Building

Powell, Mrs. Albert Bellaire, Ohio
3795 Tallman Avenue

Pulling, Margaret G. Columbus, Ohio
55 South Ohio Avenue

Randall, Rita Columbus, Ohio
257 Woodland Avenue

Raymund, F. M. Columbus, Ohio
215 West Tenth Avenue

Raymund, Mrs. Sarah O'Kane.
(Mrs. F. M. Raymund)
215 West Tenth Ave., Columbus, Ohio

Reinhard, Frances Columbus, Ohio
1074 Oak Street

Rickard, E. B. Columbus, Ohio
333 West Tenth Avenue

Rickey, Tallmadge A. Troy, Ohio

Riddle, Eloise H. Columbus, Ohio
160 West Fifth Avenue

Rietz, J.H. Denver, Colorado
339 Railway Exchange Building

Rightmire, George W. Columbus, Ohio
Page Hall, Ohio State University

Roberts, Cora
(See Mrs. Cora Roberts Evans)

Rodebaugh, Mabel C. . . Columbus, Ohio
37 East Oakland Avenue

Scott, Mrs. Alice Marsh Columbus, Ohio
(Mrs. Archie Scott)
120 Hamilton Avenue

Scott, Ernest Clintonville, Ohio

SUPPLEMENTARY LIST—Continued

Schreiber, Martin Newark, New Jersey
Public Service Railway Company

Senter, H. P. Columbus, Ohio
69 Franklin Park, West

Shaeffer, Ray Newcomerstown, Ohio

Sheets, Nellie Washington, D. C.
(See Mrs. Nellie Sheets Lorenz)

Shellabarger, M. R. Union, Ohio

Shepard, C. W. St. Louis, Missouri
Twenty-first and Gratiot Streets

Slyh, Allie Trenton, Missouri
(See Mrs. Allie Slyh Baker)

Smith, Alice M. Columbus, Ohio
1124 Madison Avenue

Smith, David W. Columbus, Ohio
497 Oakwood Avenue

Smith, Helen Bertram Columbus, Ohio
60 Jefferson Avenue

Somermeier, E. E. Columbus, Ohio
Ohio State University

Southard, Mrs. Edward Marysville, Ohio

Stafford, Harry E. Columbus, Ohio
Columbus Savings & Trust Building

Staley, Homer F. Columbus, Ohio
Ohio State University

Stone, Mrs. Edna Andress Columbus, Ohio
(Mrs. Julius Stone)
Station A, Route 2

Sweet, Fred W. Akron, Ohio
Box 116

Tanner, E. W. Cleveland, Ohio
2231 East Eighty-second Street

Toledo, Antonio Manila, Philippine Islands
Bureau of Public Works

Twitchell, Lee D. Mansfield, Ohio
Orchard Farm

Van Dyke, C. S. Schnectady, N. Y.
1111 State Street

Warner, John H.
Recife, Pernambuco, Brazil
65 Rua Da Aurora

Webb, Scott A. Columbus, Ohio
85 Franklin Park, West

Welch, C. J. Johnstown, Pa.
Cambria Steel Company

Weld, Harry P. Worcester, Mass.
Clark University

Welday, Cora M. Oklahoma, Oklahoma

West, F. L. Bloomingburg, Ohio

Whitacre, Dr. Marion Cincinnati, Ohio
2206 Auburn Avenue

Whipps, Louise Cagayan, Misamis, P. I.
(See Mrs. Louise Whipps Graham)

Wilson, Cecil F. Newark, N. J.

Young, R. A. Takoma Park, D. C.

WHO'S WHO CLASSIFIED

Mercantile and Professional Directory

ADVERTISING MANAGER

Booth, Carl H. Chicago, Illinois
The Iron Trade Review

Dowd, Charles F. Toledo, Ohio

AGRONOMISTS

Barker, Joseph T. Geneva, New York
New York State Experiment Station

Crabb, George A. Washington, D. C.
U. S. Bureau of Soils

De Pue, Chalmers W. Brookline, Mass.
Olmstead Bros., Landscape Architects

Eckman, Emil C. Washington, D. C.
U. S. Bureau of Soils

Mooney, Charles N. Washington, D. C.
U. S. Bureau of Soils

Taylor, Frederick W. Durham, N. H.
Experiment Station

AGENTS

See Sales Agents

AGRICULTURAL EXPERIMENT STATION

See State Service

ARCHITECTS

See Engineers

ARCHITECTS—LANDSCAPE

See Landscape Architects

ARCHITECTS—U. S. SUPERVISING

See Federal Service, Treasury Dept.

ARMY

See Federal Service, War Dept.

ART AND PENMANSHIP TEACHERS

See Public Schools, Special Teachers.

ASSAYERS

See Metallurgists

ATTORNEY GENERAL—STATE

See State Service

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Ahern, William J. Akron, Ohio
Special Counsel, Department Attorney General

Arras, Edmund F. Columbus, Ohio

Ashman, Frank Coshocton, Ohio
Probate Judge

Ball, Fred S. Montgomery, Alabama

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Belknap, Harry T. Cleveland, Ohio

Benoy, Wilbur E. Columbus, Ohio

Benton, Burton P. Delaware, Ohio

Bertsch, Joseph Franz Columbus, Ohio

Bissing, William F. New York City
Patent Attorney

Blake, Joseph M. Canton, Ohio

Bock, Theodore Hamilton, Ohio

Boden, Elmer E. Barberton, Ohio
City Solicitor

Boesel, Frank T. Milwaukee, Wis.

Boli, Peter P. Hamilton, Ohio

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Coulter, Bond & McKinney

Booth, George H. Columbus, Ohio

Bostwick, Homer Z. Columbus, Ohio
Justice of the Peace

Bronson, Hiram S. Columbus, Ohio

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Calkins, Frank E. Toledo, Ohio

Calvin, Anthony B. Youngstown, Ohio

Carothers, Frank K. Ryegate, Mont.

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Carpenter, Frank S. Newark, Ohio

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Cockley, William B. Columbus, Ohio

Cohn, Aaron B. Toledo, Ohio
Brown, Hahn, Sanger & Froehlich

Conrad, Edward N. Cleveland, Ohio

Corwin, Edwin E. Columbus, Ohio

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Coulter, Bond & McKinney

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Dock, Oliver M. Cincinnati, Ohio

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Duncan, Robert P. Columbus, Ohio
Duncan and Duncan

Eagleson, Freeman T. Cambridge, Ohio
Sheppard and Eagleson

Eagleson, John H. Columbus, Ohio
Eagleson and Eagleson

Eagleson, Joseph P. Columbus, Ohio
Eagleson and Eagleson

Eastman, Leroy E. Ottawa,Ohio

Englebeck, Amos H. Akron, Ohio

Erwin, Joseph C. Columbus, Ohio

Everett, Emmit E. Lima, Ohio

ATTORNEYS—Continued

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Fergus, John F. Columbus, Ohio

Game, Francis H. Columbus, Ohio

Game, Reed H. Columbus, Ohio

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Godman, Leroy H. Columbus, Ohio

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Hagenbuch, George E. Cleveland, Ohio
Bardwell and Hagenbuch

Hahn, George P. Toledo, Ohio

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Hengst, James McC. Columbus, Ohio
Lentz, Karns, Linton & Hengst

Herbert, Charles T. Los Angeles, Cal.

Hopwood, Harry L. Kenton, Ohio

Howard, Joseph M. Columbus, Ohio

Huggins, Burch D. Columbus, Ohio
Huggins, Huggins & Hoover

Huston, Charles H. Mansfield, Ohio

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King, Robert J. Zanesville, Ohio

King, William N. Charleston, W. Va.

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Kirtley, Fred H. Toledo, Ohio

Koons, Harry W. Mt. Vernon, Ohio

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Layton, Roy E. Wapakoneta, Ohio
City Solicitor

Lindsey, Theodore C. Columbus, Ohio

Little, Kenneth Bradford, Ohio
City Solicitor

Lowe, Henry J. Mansfield,Ohio

Ludy, Charles A. Tulsa, Okla.

McCarter, Edward B. W. C., London, Eng

McCleary, Clayton A. Columbus, Ohio

McCray, French Fairmount, W. Va.

McCray, Thomas Y Mansfield, Ohio
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McKinney, Frank C. New York City
Coulter Bond & McKinney

Malone, James B. Springfield, Ohio

Marshall, George S. Columbus, Ohio

Marshall, Logan W. Sidney, Ohio

Martin, William K. Lancaster, Ohio

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Matthews, William M.	Dayton, Ohio
Meek, Edward D.	Bellaire, Ohio
Merrill, William S.	Coshocton, Ohio
Miller, Albert H.	Toledo, Ohio
Middleswart, Clarence C.	Marietta, Ohio
Mitchell, Herbert W.	St. Clairsville, Ohio
Moore, C. Ellis	Cambridge, Ohio
Moore, Henry C.	Columbus, Ohio
Morgan, Eugene	Columbus, Ohio
Mull, Bert L.	Los Angeles, California
Myers, Herbert M.	Columbus, Ohio
Nailor, Joseph C.	Columbus, Ohio
Nash, Simeon	Columbus, Ohio
Nicola, Benjamin D.	Cleveland, Ohio
Osborn, Samuel Galloway Judge of Police Court	Columbus, Ohio
Page, Walter S.	Columbus, Ohio
Pence, William D.	Tiffin, Ohio
Perfler, Arthur J.	Dayton, Oho
Pomerene, Frank E.	Coshocton, Ohio
Porter, Clyde Carlton City Solicitor	Tiffin, Ohio
Pryor, Charles F.	Columbus, Ohio
Pugh, Lawrence R.	Columbus, Ohio
Quigley, Frank	Washington, D. C.
Randall, Emilius O.	Columbus, Ohio
Rarey, Ralph F.	Columbus, Ohio
Raymond, Stockton Raymond, Gibsen & Young	Columbus, Ohio
Reif, Charles C. Patent Attorney	Washington, D. C.
Reigart, Harry R.	Hamilton, Ohio
Rhodes, George W.	Columbus, Ohio
Sater, Lowry F.	Columbus, Ohio
Scarlett, Henry L. Weinland & Scarlett	Columbus, Ohio
Schlesinger, Hugo N. Ward & Schlesinger	Columbus, Ohio City Prosecutor
Secrist, Fred M.	Lakewood, Ohio
Selby, Warren F.	Wooster, Ohio
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Shoemaker, Carl D.	Roseburg, Oregon
Shotwell, Abel V.	Omaha, Nebraska
Skinner, James G.	Chicago, Illinois
Skiles, Roscoe C. Skiles, Green & Skiles	Shelby, Ohio
Sprague, Charles F.	Lima, Ohio
Stahl, Charles H.	Akron, Ohio
Stevens, Frank M. Prosecuting Attorney	Elyria, Ohio
Stewart, Earle	Ironton, Ohio
Stiger, Thomas A.	Everett, Washington
Thompson, Carmi A.	Washington, D. C.

Thompson, Francis M. Columbus, Ohio

Turner, Edward C. Columbus, Ohio
Prosecuting Attorney

Voegele, William F. Mansfield, Ohio

Voorhees, Burt F. Coshocton, Ohio

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Warrick, Elmer J. Cleveland, Ohio

Watson, Benson G. Columbus, Ohio

Weber, Karl T. Columbus, Ohio

Weinland, Edgar L. Columbus, Ohio
Weinland & Scarlett

Weyant, Theodore Columbus, Ohio

Wildermuth, Roy Lee Blaine, Ohio

Williams, Lloyd T. Toledo, Ohio
Brown, Geddes, Schmettau & Williams

Winter, Nevin Otto Toledo, Ohio

Wolf, Benjamin J. St. Louis, Missouri

Wonnell, Harry S. Hamilton, Ohio

Wonnell, Kent W. Chicago, Illinois
Patent Attorney

Woods, William B. Cleveland, Ohio

Ziliox, Leon J. Hamilton, Ohio

AUTHORS

Atkins, Gauis Glenn Providence, R. I.

Bentley, William P. Berkeley, California

Boyd, James E. Columbus, Ohio

Burkett, Charles W. New York City

Chalmers, Agnes F. Grand Rapids, Mich.

Coulter, Ernest K. New York City

Coursault, Jesse Columbia, Missouri

Doan, Frank Meadville, Pennsylvania

Doney, Carl Buckhannon, W. Va.

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Fippin, Elmer O. Ithaca, New York

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French, Thomas E. Columbus, Ohio

Huntington, Charles C. Columbus, Ohio

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Morris, Clyde T. Columbus, Ohio

Randall, Emilius O. Columbus, Ohio

Rietz, Henry L. Urbana, Illinois

Siebert, Wilbur H. Columbus, Ohio

Sparks, Edwin E. State College, Pa.

Talbot, Ellen B. South Hadley, Mass.

Taylor, Joseph R. Columbus, Ohio

Twiss, George R. Columbus, Ohio

Wilgus, Horace L. Ann Arbor, Michigan

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Wood, Frank New York City

Young, John W. Hanover, N. H.

BACTERIOLOGIST

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City Board of Health

Landrum, Francis H. Columbus, Ohio

BANKERS

Bowen, John R. Columbus, Ohio
Cashier

Enlow, Charles B. Evansville, Indiana
Cashier

Harrison, William W. Florence, Colorado

Johnston, Frederick S. Dallas,Texas
Broker

Kerr, Floyd E. McBee, South Carolina

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Building and Loan Company

Lamb, Whitney E. Commercial Point, Ohio

Laylin, Robert W. Columbus, Ohio
Teller

McCoy, Homer W. Chicago, Illinois
Investment Bonds

Matthews, Max M. Columbus, Ohio

Mock, George H. . . . . Columbus, Ohio
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Potter, Francis D. . . . New York City

Reifsnider, Lee R. . . . . . Akron, Ohio
Assistant Cashier

Roach, Simeon A. . . . New Lexington, Ohio
Cashier

Taylor, Henry D. Columbus, Ohio
Teller

Thomas, Luther B. Columbus, Ohio
President

BIOLOGIST

Surface, Frank M. Lexington, Kentucky
Kentucky Experiment Station

BOARD OF AGRICULTURE

See State Service

BOARD OF HEALTH—STATE

See State Service

BOARD OF PUBLIC WORKS—STATE

See State Service

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Ohio Experiment Station

BROKERS

Belknap, Harry T. Cleveland, Ohio
Surety Bonds and Insurance

Davenport, Adrian E. . . . Columbus, Ohio
Stocks and Bonds

Earle, William P., Jr. . . . New York City
Crude Rubber

Fuller, Gilbert L. Columbus, Ohio
Stocks and Bonds

Scott, Dudley Columbus, Ohio
Investment Securities, Municipal Bonds

BUILDING INSPECTOR

See Municipal Service, Dept. Public Safety

BUREAU OF ANIMAL INDUSTRY

See Federal Service, Department of Agriculture

BUREAU OF CHEMISTRY

See Federal Service, Department of Agriculture

BUREAU OF ENTOMOLOGY

See Federal Service, Department of Agriculture

BUREAU OF FISHERIES

See Federal Service, Department of Commerce and Labor

BUREAU OF MINES

See Federal Service, Department of Interior

BUREAU OF PLANT INDUSTRY

See Federal Service, Department of Agriculture

BUREAU OF SOILS

See Federal Service, Department of Agriculture

BUREAU OF STANDARDS

See Federal Service, Department of Commerce and Labor

CARTOONIST

Evans, Raymond O. Dayton, Ohio
Dayton Daily News

CERAMIC ENGINEERS

See Engineers

CHEMISTS

Beebe, Philip S. Richard City, Tennessee
Dixie Portland Cement Company

Campbell, Augustine R. Metuchen, N. J.
Ceramic Chemist

Case, Lewis B. Detroit, Michigan
Research

Clayton, Howard D. New York City
Food Inspection Laboratory—U. S. Appraiser's Stores

Dorsey, Frank M. Cleveland, Ohio
Lamp Development

Drackett, Harry R. Explosives
Vandreuil Station, Quebec, Canada

Drackett, Philip W., Jr. Cincinnati, Ohio
P. W. Drackett & Son—Chemicals

CHEMISTS—Continued

Evans, Ernest Youngstown, Ohio
Iron

Evans, Robert W. Chillicothe, Ohio
Pulp and Paper Making

Fieldner, Arno C. Pittsburgh, Pennsylvania
Coal Laboratory

Fox, Charles P. Akron, Ohio
Rubber Expert

Foulk, Charles W. Columbus, Ohio
Professor, Ohio State University

Frank, Sumner B. Chicago, Illinois
Armour & Company

Gaessler, William G. Ames, Iowa
Experiment Station

Gorman, Edwin W. Saltville, Virginia
Mathieson Alkali Company

Grant, Ernest H. New Orleans, Louisiana
U. S. Bureau of Chemistry

Greenlee, Arden D. Philadelphia, Pa.
U. S. Bureau of Chemistry

Hauck, Fred K. Elizabeth, New Jersey
Grasselli Chemical Company

Hendrix, Byron M. Washington, D. C.
U. S. Bureau of Chemistry

Hidden, Harry S. Elizabeth, New Jersey
Grasselli Chemical Company

Hommon, Harry B. Akron, Ohio
Sewage Testing Station

Howard, Curtis Clark Columbus, Ohio
Starling-Ohio Medical College

Jacobs, William M. Tarentum, Pa.
Research—Plate Glass Company

Jones, Grandville R. Washington, D. C.
Filtration Plant

Kerr, Charles H. Tarentum, Pa.
Research—Plate Glass Company

Klyne, Paul S. Piqua, Ohio
Ohio Marble Company

Koehne, Martha Columbus, Ohio
State Board of Health

Landacre, Walter A. Columbus, Ohio
Landacre & Schroth

Lucas, Howard J. Chicago, Illinois
Bureau of Chemistry

McAfee, Dan S. Mongollon, New Mexico
Cyanide Plant

McPherson, William Columbus, Ohio
Professor, Ohio State University

Mathias, Lewis D. Chicago, Illinois
Corn Products Refining Company

Moore, Franklin B. Greentown, Ohio

Morris, Harry L. Springfield, Ohio

Mougey, Harry C. Dayton, Ohio
Lowe Brothers

Moyer, Henry E. Youngstown, Ohio
Metallurgist

Nothstine, Arthur C. Washington, D. C.
U. S. Bureau of Standards

Orndorff, Earl L. Staten Island, New York
Proctor-Gamble Company

Pranke, Edward J. Nashville, Tennessee
American Cyanamid Company

Ritchey, Joseph C. Cleveland, Ohio
American Steel & Wire Company

Shaffer, Francis H. Cleveland, Ohio

Shore, Ben E. Bay City, Michigan
Du Pont Powder Company

Singer, Lewis P. Lincoln, California
Clay Products

Sohn, Erwin St. Mary's, Pennsylvania
Stackpole Battery & Carbon Company

Stanton, Frederick M. Columbus, Ohio
Research

Steinbacher, Karl Ironton, Ohio
Superintendent Blast Furnace

Thomas, David C. Minerva, Stark Co., Ohio
Head Burner in Pottery Work

Thomas, Edward Cement, Texas
Texas Portland Cement Company

Viets, Willis B. Swissvale, Pennsylvania
Research Chemist, Westinghouse Electric & Manufacturing Company

Vinson, Albert E. Tucson, Arizona
Bio-Chemist, Experiment Station

Wilson, John B. Washington, D. C.
Bureau of Chemistry, U. S. Department of Agriculture

CHRISTIAN SCIENCE PRACTITIONER

Chalmers, Agnes F. Grand Rapids, Mich.

CITY ENGINEERS

See Municipal Service, Public Service Department

CITY PROSECUTOR

See Municipal Service, Law Department

CITY SOLICITORS AND CORPORATION COUNSEL

See Municipal Service, Law Department

CIVIL ENGINEERS

See Engineers

CIVIL ENGINEERS—CONSULTING

See Engineers—Consulting

CLERGYMEN

Atkins, Gaius Glenn Providence, R. I.
Congregational

Bentley, William P. Berkeley, California
Christian

Chaney, James W. Austin, Chicago, Ill.
Missionary to Buenos Aires

Converse, Edward J. Columbus, Ohio
Congregational

Dillin, Ernest S. Newark, Ohio

Fledderjohann, Ernest
Reformed New Philadelphia, Ohio

Geissinger, James A. Los Angeles, Cal.
Methodist

Hannum, William H.
Vengurle, Ratnagiri, India
Presbyterian Missionary

Holcombe, Harry J. Newark, Ohio
Methodist

Plueddemann, Paul W. Clarington, Ohio
Methodist

Williams, John C. Kansas City, Kansas
Methodist Protestant

CLERKS

Everett, Frank Columbus, Ohio
Pennsylvania Railway Commissary

Grosse, Simon John Columbus, Ohio
Assistant to Secretary of Ohio State University Association

Haughton, Edna M. Columbus, Ohio
Stenographer

Hutsinpillar, Neil C. Ironton, Ohio
Bookkeeper—Hardware

McCreary, Oliver L. Pittsburgh, Pa.
Railway Accountant

Marshall, Glenn M. Coshocton, Ohio
James B. Clow & Sons

Rarey, Ernest G. Groveport, Ohio
Bookkeeper

CLUB MANAGER

O'Brien, Charles F. New York City
Beta Theta Pi Club

COLLEGE EXTENSION

See Universities and Colleges
Extension Department

COLLEGE PRESIDENTS

See Universities and Colleges
Administration Officers

COLLEGE PROFESSORS

See Universities and Colleges

CONCRETE ENGINEERS

See Engineers

CONSTRUCTION ENGINEERS

See Engineers

CONSULAR SERVICE

See Federal Service, Department of State

CONSULTING ENGINEERS

See Engineers

CONTRACTORS

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Plumbing and Electric Company

Cole, George N. New York City
Designer, Warehouse Doors and Building Specialties

Converse, Howard P. Auburndale, Mass.
Steel and Concrete

Knight, Sidney T. Columbus, Ohio
Paving and Concrete

Maxwell, Ralph E. Columbus, Ohio
Builder

Pettit, James M. Youngstown, Ohio
Sheet Metal Work

Schlitt, Wm. J. Columbus, Ohio
Builder

Smith, Myron A. Columbus, Ohio
Builder

Tavenner, Robert L. Springfield
Concrete Construction

Thompson, Howard C. Columbus, Ohio
Electrical

Ward, Vernon C. Chicago, Illinois
Bridge Company

Wilson, Halbert M. Cleveland, Ohio
Paving

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Laybourne, Lawrence E. Springfield, Ohio

Turner, Edward C. Columbus, Ohio

Stevens, Frank M. Elyria, Ohio

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Blackford, Robert S. Columbus, Ohio

Covell, Vernon R. Wilkinsburg, Pa.

Henkle, Sam D. Waynesville, Ohio

Lattimer, Curtis C. Columbus, Ohio

Sharts, Stanley R. Dayton, Ohio

Stringfellow, Sidney D. Findlay, Ohio

Thomas, John F. Sharon, Pennsylvania

Wolfe, Arthur C. Mt. Vernon, Ohio

PROBATE JUDGE

Ashman, Frank Coshocton, Ohio

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National Electric Lamp Association

Sells, Stanley N. Columbus, Ohio
J. H. & F. A. Sells Co., Saddlery and Harness

Wagner, Oscar C. Duluth, Minnesota
Kelly-How-Thomson Company

CURATORS

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Museum of Fine Arts, Boston
Chinese and Japanese Collections

Mills, William C. Columbus, Ohio
Ohio State University Archaeological Museum

Smyth, Lumina C. Riddle Topeka, Kansas
Goss Ornithological Collections, and Kansas State Museum of Natural History

DEANS—COLLEGE

See Universities and Colleges Administration Officers

DENTIST

McCray, Richard E. Fairmont, W. Va.

DEPUTY COUNTY SURVEYOR

See County Service

DISTRICT COURT

See Federal Service, Department of Justice

DOMESTIC SCIENCE—SUPERVISORS

See Public Schools, Special Teachers

DOMESTIC SCIENCE—TEACHERS

See Public Schools, Special Teachers

DRAFTSMEN

Arms, George L. Fairmont, W. Va.
Fairmont Mining Machine Company

Balph, Harold R. New Castle, Pa.
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Benbow, James D. Columbus, Ohio
Kilbourne, Jacobs Company

Bornhorst, August H. Detroit, Michigan
With Edward Gray

Cowgill, Paul E. Columbus, Ohio
Weinman Manufacturing Company

Elliott, Emmett F. Clarksburg, W. Va.
Hornboe & Lafferty

Fankhauser, Elmer O. New Castle, Pa.
Carnegie Steel Company

Frank, Carl M. Columbus, Ohio
With Wilbur T. Mills

Goodell, Frank H. Cleveland, Ohio
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Hill, Raymond W. Willoughby, Ohio
American Clay Machinery Company

Levering, Russell E. Mt. Vernon, Ohio
Pennsylvania Railway Shops

McClung, Harvey F. Lima, Ohio
Gramm Motor Car Company

Peterson, John W. Canton, Ohio
American Bridge Company

Pohlman, Irving H. Cleveland, Ohio
Park Drop Forge Company

Stuckey, Robert B. Bucyrus, Ohio
Machine Designer
American Clay Machinery Company

Taylor, George H. Columbus, Ohio
Kilbourne Jacobs Company

Tyson, Ralph S. Dayton, Ohio
With E. J. Mounstephen

Wallace, Edward Cleveland, Ohio
Peerless Motor Car Company

DRAFTSMEN—BUREAU OF ENGINEERING

See Municipal Service, Public Service Department

DRAFTSMEN—WATER WORKS

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EDITORS

Bohn, Frank Chicago, Illinois
International Socialist Review

Burkett, Charles W. New York City
American Agriculturist

Crane, Evan J. Columbus, Ohio
Associate Editor, "Chemical Abstracts"

Cunningham, John F. Cleveland, Ohio
The Ohio Farmer

Gorham, Ira C. Lancaster, California

McClintock, James E. Scranton, Pa.
Agricultural Editor
International Correspondence Schools

Snyder, Charles E. Pittsburgh, Pa.
National Stockman and Farmer

Wakefield, George W. . Toledo, Ohio
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Solicitor and Reporter

ELECTRICAL ENGINEERS

See Engineers

ELECTRICAL ENGINEERS—CONSULTING

See Engineers, Consulting

ELECTRIC RAILWAYS

See Public Utilities

ENGINEERS

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Howell & Thomas

Allen, Harry G. Columbus, Ohio
With Otto C. Darst

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Sales Engineer

Berman, Samuel J. Youngstown, Ohio

Bradford, Joseph N. Columbus, Ohio
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Chester, Walter D. New Castle, Pa.
With W. G. Eckles

Chubb, Charles St. John Columbus, Ohio
Ohio State University

Hill, Raymond W. Willoughby, Ohio
American Clay Machinery Company

Lewis, Luther H. New York City
Crow, Lewis & Wickenhorfer

Sims, Ray Columbus, Ohio
With J. N. Bradford, University Architect

Smith, H. Dwight New York City
With John Russell Pope

Welling, Franklin P. Worthington, Ohio
With J. N. Bradford, University Architect

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Dean, Charles A. Worcester, Mass.
The Norton Company

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Terra Cotta Company

Greener, George C. Boston, Mass.
Plastic Arts

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New York Architectural Terra Cotta Co.

Humphrey, Dwight Cleveland, Ohio
Deckman Duty Brick Company

Jacobs, William M. Tarentum, Pa.
Research Chemist, Pittsburgh Plate Glass Company

King, Arthur F. Richlands, Virginia
Richlands Brick Corporation

McDougal, Taine G. Spokane, Washington
Clay Products Company

Minnemann, Johannes Barberton, Ohio
Ohio Insulator Company

Montgomery, Earle T. Pittsburgh, Pa.
U. S. Bureau of Standards

Montgomery, Robert J. Creighton, Pa.
Pittsburgh Plate Glass Company

Murray, Gerard A. Pittsburgh, Pa.
U. S. Bureau of Standards

Ogden, Ellsworth P. Tottenville, New York
Atlantic Terra Cotta Company

Orton, Edward, Jr. Columbus, Ohio
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Pence, Forrest K. Zanesville, Ohio
American Encaustic Tiling Company

Purdy, Ross G. Columbus, Ohio
Professor, Ohio State University

Schachtel, Soll H. New Lexington, Ohio
Ludowici Celadon Company

Watts, Arthur S. Columbus, Ohio
U. S. Bureau of Mines

CHEMICAL ENGINEERS

See Chemists

CIVIL ENGINEERS

Altstetter, George J. Clarksburg, W. Va.
Altstetter & McDaniel

Asher, Clyde B. Washington, D. C.
National Fire Profing Company

Bahrke, Carl F. Columbus, Ohio
Assistant City Engineer

Balz, Carl Ernest Delaware, Ohio
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Barry, William J. New Straitsville, Ohio
Hocking Valley Products Company

Blackford, Robert S. Columbus, Ohio
Deputy County Surveyor

Booher, Warren H. Raleigh, N. C.
Sanitary

Borchers, Perry . Elmer Phoenix, Arizona
Keithline Construction Company

Bossert, Carl D. Cuyahoga Falls, Ohio
Northern Ohio Power Company

Bostwick, Oliver N. Mt. Sterling, Ohio
Farmer

Britton, Guy Boonton, New Jersey
Jersey City Water Works

Britton, Lloyd C. Manchester, Alabama
Manchester Lumber Company and
Alabama Central Railway

Brumley, Daniel J. Chicago, Illinois
Illinois Central Railway

Burns, James F. Elizabethtown, Kentucky
Roadmaster, L. & N. Railway

Burrell, Glenn S. Portsmouth, Virginia
U. S. Navy Yard

Cellarius, Frederick J. Dayton, Ohio
Consulting

Chubb, Wistar M. Washington, D. C.
U. S. Surveyor, General Land Office

Clagett, Edward F. Columbus, Ohio
Columbus Gas & Fuel Company

Clow, George V. Louisville, Kentucky
Sanitary Engineer

Cook, James S. Painesville, Ohio
Assistant City Engineer

Cooper, David R. Niagara Falls, N. Y.
Erie Construction Company

Cornell, Charles B. Columbus, Ohio
With E. G. Bradbury

Cosgrove, Karl M. Cambridge, Ohio
City Engineer

Cosley, Harvey H. Wheaton, Illinois
Sales Engineer—Steel

Covell, Vernon R. Wilkinsburg, Pa.
Deputy County Engineer

Cowles, Howard E. Pleasantville, Iowa
Rock Island Railway

Crabb, J. Mitchell Painesville, Ohio
Diamond Alkali Company

Craig, Ora J. Greenville, Ohio
City Engineer

Crayton, Guy A. Lima, Ohio
City Engineer

Cunningham, Edward W. Cleveland, Ohio
Deputy Inspector of Buildings

CIVIL ENGINEERS—Continued

Curtis, Leigh G. Chicago, Illinois
Baltimore & Ohio Railway

Davis, Daniel F. Madison, Wisconsin
Graduate Student, Sanitary and Hydraulic Engineering, Univ. of Wis.

Downing, Ralph H. Columbus, Ohio
Erection Department, Jeffrey Mfg. Co.

Dressler, Harvey J. Dayton, Ohio
Assistant City Engineer—Surveyor

Evans, Peter P. Cleveland, Ohio
Consulting Engineer

Farquhar, Ivan A. Watertown, New York
State Highway Commission

Fassett, Earle W. Ashtabula, Ohio
Surveyor in U. S. Indian Service

Fenstermaker, Charles H. Elizabeth, La.
Industrial Lumber Company

Flynn, Harry F. Seattle, Washington
Junior Engineer, U. S. Engineering Dept.

Freeman, Carlyle B. St. Louis, Missouri
Wm. P. Carmichael Company

Friend, Fred F. San Juan, Texas
Field Engineer, Alamo Land & Sugar Company

Gascoigne, George B. Sandusky, Ohio
Sanitary Engineer

Geddes, Donald Y. Zanesville, Ohio
Contractor—Structural Steel

Gerwick, Ben C. Roxbury, Boston, Mass.
Concrete Engineering Co. The Ransom Unit System

Groves, John W. Birmingham, Alabama
Tennessee Coal, Iron & Railroad Co.

Guiss, Charles A. Bucyrus, Ohio
Contractor

Hagemeyer, Earle P. Norwood, Ohio
Baldwin Piano Company

Harvey, George H. Niagara Falls, Canada
Canadian Niagara Power Company

Hazlett, Robert Wheeling, W. Va.
Postmaster

Henkle, Sam D. Waynesville, Ohio
County Surveyor

Hopkins, Earle O. Pikeville, Kentucky
S. V. & E. Railway

Hoskins, Paul L. Canton, Ohio
Wheeling & Lake Erie Railway

Inskeep, Clair A. Bellefontaine, Ohio
City Engineer

Ireland, Guy G. New York City
Construction Engineer, New York Central & Hudson River Railroad

Jackson, Benjamin A. Chicago, Illinois
Illinois Steel Co., Scully Warehouse

Jenkins, Willis H. Sheridanville Station
P. C. C. & St. L. R. R. Pittsburgh, Pa.

Johnston, George Edward Louisville, Ky.
Roadmaster, L. & N. R. R.

Kemmler, Edward A. Columbus, Ohio
Consulting

Kilmer, Arthur D.
East Liberty, Pittsburgh, Pa.
Consolidated Expanded Metal Company

Knisely, Clyde J. New Philadelphia, Ohio
Northern Ohio Traction & Light Co.

Krumm, Thomas Z. St. Paul, Minnesota
Construction—Northern Pacific Ry. Co.

Lane, Daniel P. St. Louis, Missouri
Unit Construction Company

CIVIL ENGINEERS—Continued

Lattimer, Curtis C. Columbus, Ohio
Deputy County Surveyor

Lee, Walter S. Niagara Falls, New York
Hydraulic Power Company

McAllen, William J. Chicago, Illinois
Illinois Steel Company

Marker, James R. Columbus, Ohio
Ohio State Highway Commissioner

Melick, Neal A. Granite City, Illinois
Construction—U. S. Public Buildings

Merrell, William Stanley St. Petersburg, Florida
General Practice

Miller, Roy E. Lebanon, Ohio
City Engineer

Morehouse, Wallace W. Miamisburg, Ohio
C. C. C. & St. L. Ry.

Morrison, Robert O. Monroe, Louisiana
City Engineer

Murphy, Joseph Lincoln Nelsonville, Ohio
New York Coal Company

Myers, Roy Vinton Knoxville, Tennessee
Consulting

Newton, Samuel D. Jamestown, New York
General Practice

Norton, Victor C. Columbus, Ohio
Draftsman—Water Works Department

Ozias, Clifford W. High River, Alberta, Canada
Irrigation Dept., Canadian Pacific Ry.

Polk, Walter C. Kansas City, Missouri
Home Telephone Company

Potter, Carl V. Richmond, Indiana
P. C. C. & St. L. Railway

Rice, Ray H. Portsmouth, Virginia
Draftsman—Norfolk Southern Railway

Richards, Clare A. J. Crafton, Pa.
Pennsylvania Lines—Bridge Inspector

Sackriede, Wm. J. F. Chicago, Illinois
B. & O. Railway

Sanzenbacher, Walter O. Columbus, Ohio
State Board of Public Works, Canal Land Department

Savage, Luke F. McKeesport, Pa.
Assistant City Engineer

Schilling, Julius H. Indianapolis, Indiana
Pennsylvania Railroad

Schryver, Howard F. Columbus, Ohio
T. & O. C. Railway

Schubert, Charles W. . . Cleveland, Ohio
Brown Hoisting Mfg. Company

Sharp, Charles C. Nelsonville, Ohio
President, Gauley Coal Company

Sharts, Stanley R. Dayton, Ohio
Assistant County Engineer

Shaw, Arthur H. C. Waterloo, Iowa
Iowa Mausoleum Company

Sherman, Christopher E. Columbus, Ohio
Professor, Ohio State University

Sherman, John King Newport, Kentucky
Assistant Division Engineer Pennsylvania Railway

Slade, Lester P. Rochester, New York
New York Barge Canal

Sloan, Norton I. Dayton, Ohio
Reinforced Concrete Construction

Smith, Clyde C. St. Louis, Missouri
Unit Construction Co., Experimental Lab.

Stocker, James A. Columbus, Ohio
Chief Engineer
T. & O. C. and Z. & W. Railway

Stone, Carleton E. Pittsburgh, Pa.
Draftsman—P. & L. E. Railway

Stringfellow, Sidney D. Findlay, Ohio
Deputy County Surveyor

Strom, Lewis H. Cincinnati, Ohio
Construction—C. & O. Railway

Tanner, John R. Zanesville, Ohio
Consulting Engineer

Tudor, Glenn E. Sacramento, California
Southern Pacific Railway

Vandament, Harley L. Cincinnati, Ohio
C. & O. Railway of Indiana

Vandament, Orin L. Middletown, Ohio
American Rolling Mill Company

Walker, John M. Maysville, Kentucky
City Engineer

Wills, Ernest J. Niagara Falls, New York
Construction, Ontario Power Company

Wise, Albert J. Houston, Texas
Consulting Engineer—Railway

Wise, James G. White Plains, New York
Grand Central Terminal Improvements
New York City

Withgott, Frank E. Mt. Vernon, Ohio
Mt. Vernon Bridge Company

CONCRETE ENGINEERS

Cooke, Elmer A. Clintonville, Ohio
Bridge Contractors, Cooke & Cooke

Gerwick, Ben C. Roxbury, Boston, Mass.
The Concrete Engineering Company
The Ransome Unit System

Lane, Daniel P. St. Louis, Missouri
Unit Construction Company

Scheibell, William O. Columbus, Ohio
Concrete Construction

Sloan, Norton I. Dayton, Ohio
Reinforced Concrete Construction

Smith, Clyde C. St. Louis, Missouri
Unit Construction Co., Experimental Lab.

Yeagle, William A. Clyde, Ohio
Mfg. Concrete Block, and Superintendent
Yeagle Construction Company

CONSTRUCTION ENGINEERS

Agner, Owen B. Columbus,Ohio
E. W. Clark & Company

Beutler, Frank E. Chicago, Illinois
Railroad Signaling and Interlocking

Borchers, Perry E. Phoenix, Arizona
Keithline Construction Company

Brumley, Daniel J. Chicago, Illinois
Illinois Central Railroad

Cooke, Elmer A. Clintonville, Ohio
Bridge Contractors, Cooke & Cooke

Cooper, David R. Niagara Falls, New York
Erie Construction Company

Damron, Carson W. Columbus, Ohio
Jeffrey Manufacturing Company

Downing, Ralph H. Columbus,Ohio
Jeffrey Manufacturing Company

Gerwick, Ben C. Roxbury, Boston, Mass.
Concrete Engineering Company
The Ransome Unit System

CONSTRUCTION ENGINEERS—Continued

Harrington, Alfred L. Wilmington, Del.
General Electric Company

Hultquist, Victor J.
Astoria, Long Island City, N. Y.
American Locomotive Company

Ireland, Guy G. New York City
New York Central & H. R. Railway

Jennings, Levi E. Cleveland, Ohio
Cleveland Construction Company

Knisely, Clyde J. New Philadelphia, Ohio
Northern Ohio Traction & Light Co.

Knopf, George W. Pottstown, Pa.
Structural Steel Company

Kohler, Gustav A. Cleveland, Ohio
Designer with Anton Burchard

Krumm, Thomas Z. St. Paul, Minnesota
Northern Pacific Railway

Lane, Daniel Park St. Louis, Missouri
Unit Construction Company

Melick, Neal A. Granite City, Illinois
U. S. Public Buildings

Metz, Ora Franklin Milwaukee, Wisconsin
Allis-Chalmers Company

Scheibell, William O. Columbus, Ohio
Concrete Construction

Schubert, Charles W. Cleveland, Ohio
Brown Hoisting Mfg. Company

Shaw, Arthur H. C. Waterloo, Iowa
Iowa Mausoleum Company

Sill, Edgar T. Pittsburgh, Pa.
Westinghouse Electric & Mfg. Company

Simonton, Mark Columbus, Ohio
Simonton Construction Company

Sloan, Norton I. Dayton, Ohio
Reinforced Concrete

Smith, Clyde C. St. Louis, Missouri
Unit Construction Company

Strom, Lewis H. Cincinnati, Ohio
C. & O. Railroad

Tansey, Howard F. Dayton, Ohio
Municipal Light Company

Tavenner, Robert L. Springfield, Ohio
The Tavenner Concrete Stone and Construction Company

Wills, Ernest J. Niagara Falls, New York
Ontario Power Company

Yeagle, William A. Clyde, Ohio
Yeagle Construction Company

CONSULTING ENGINEERS

Civil Engineers

Cellarius, Frederick J. Dayton, Ohio

Evans, Peter P. Cleveland, Ohio

Kemmler, Edward A. Columbus, Ohio

Myers, Roy V. Knoxville, Tennessee

Sarver, William E. Canton, Ohio

Ward, John C. Painesville, Ohio

Wise, Albert J. Houston, Texas

Electrical Engineers

Hirsch, Gustav Columbus, Ohio

Lincoln, Paul M. Pittsburgh, Pa.

Mershon, Ralph D. New York City
General Practice

Work, William R. Pittsburgh, Pa.

Industrial Plants

Diemer, Hugo State College, Pa.

Mechanical Engineers

Bailey, Erwin G. Boston, Mass.

Hultquist, Victor J.
Astoria, Long Island City, New York

Mershon, Ralph D. New York City
General Practice

Miller, Henry F. Columbus, Ohio

Wadsworth, F. L. O. Pittsburgh, Pa.

Mining Engineers

Alsdorf, Percy R. Central City, Colorado

Brown, Frederick W. . . . Columbus, Ohio

Myers, Roy Vinton Knoxville, Tennesse

Sperr, Frederick W. Houghton, Michigan

ELECTRICAL ENGINEERS

Armstrong, Micajah R. Columbus, Ohio
Municipal Light Plant

Barcus, Miner East Orange, New Jersey

Baughman, Ray L. Wilkinsburg, Pa.
Central District & Printing Telegraph Co.

Beutler, Frank E. Chicago, Illinois
Railroad Signaling and Interlocking

Bond, Allen Mansfield, Ohio
Ohio Brass Co.

Brooks, Herbert B. Washington, D. C.
Electrical Measurements
Bureau of Standards

Calkins, George H. Buffalo, N. Y.
Manager Buffalo Office, General Electric Company

Carr, Hugh S. Cleveland, Ohio
With H. Whitford Jones & Co.

Chubb, Lewis W. Pittsburgh, Pa.
Research Chemist
Westinghouse Electric & Mfg. Co.

Clarke, James U. Zanesville, Ohio
Roekel Plumbing & Electric Company

Cole, George N. New York City
Designer and Contractor
Warehouse-doors and Building Specialties

Cottom, Wilbur L. Dayton, Ohio
W. L. Cottom & Company
Electrical Construction and Machinery

Cowgill, Henry A. St. Joseph, Mo.
St. Joseph Railway & Light Company

Crocker, Theodore D. Milwaukee, Wis.
Commercial Engineer
Milwaukee Electric Ry. & Light Co.

Dann, Walter M. Wilkinsburg, Pa.
Westinghouse Electric & Mfg. Co.

Dean, Walter O. Lima, Ohio
Wentworth-Dean Electric Company

Dyche, Howard E. Pittsburgh, Pa.
General Sales Corporation

Eby, Earl E. Dayton, Ohio
Teacher in High School

Fergus, Guy C. Zanesville, Ohio
Fergus Electric Company

Fry, A. Don Wilkinsburg, Pa.
Testing Department
Westinghouse Electric & Mfg. Company

ELECTRICAL ENGINEERS—Continued

Galleher, Chester P. Wilkinsburg, Pa.
Traffic Engineer
Central District & Printing Tel. Co.

Garber, Frederick R. Charleston, W. Va.
West Virginia Inspection Bureau

Gillespie, Stanley E. Swissvale, Pa.
Union Switch & Signal Company

Gray, George F. Schenectady, N. Y.
General Electric Company

Grossman, Henry M. Canton, Ohio
Designing Engineer
United Electric Company

Hange, Frederick I. Chicago, Illinois
Otis Elevator Company

Harrington, Alfred L. Wilmington, Del.
Construction Engineer
General Electric Company

Helpbringer, James N. Columbus, Ohio
Municipal Light Plant

Hertner, John H. Beach Park, Ohio
Rauch & Lang Cage Company

Hipple, John M. Wilkinsburg, Pa.
Industrial Division
Westinghouse Electric & Mfg. Co.

Hirsch, Gustav Columbus, Ohio
Consulting Engineer

Hope, Harry L. Kansas City, Missouri
Missouri & Kansas Telephone Company

Hunter, Madone C. Holton, Kansas
Holton Electric Light and Water Works

Jennings, Levi E. Cleveland, Ohio
Cleveland Construction Company

Jones, Arthur J. Niagara Falls, N. Y.
Niagara Falls Power Company

Jones, Clayton M. Jamestown, N. Y.
Attorney

Kegerreis, Roy Schnectady, New York
Testing Department
General Electric Company

Kempton, Willard H. Mansfield, Ohio
Ohio Brass Company

Kirker, Harry L. Pittsburgh, Pa.
Railway Electrification
Westinghouse Electric & Mfg. Co.

Lee, Louis R. Columbus, Ohio
E. W. Clark & Company

Leibold, Carl P. Mansfield, Ohio
Ohio Brass Company

Leinbach, Heber W. Jacksonville, Fla.
S. A. L. Railway Company

Lincoln, Paul M. Pittsburgh, Pa.
General Engineer
Westinghouse Electric & Mfg. Co.

Linebaugh, Jesse J. Schenectady, N. Y.
Traction Engineer
General Electric Company

Longsworth, Clyde B. Napoleon, Ohio
Napoleon Home Telephone Company

Lott, Charles M. Hicksville, Ohio

Manley, Rush E. Columbus, Ohio
Central Union Telephone Company

Martin, Percy Kenilworth, England
Birmingham Small Arms Company

Mellinger, Aubrey H. Brooklyn, N. Y.
New York Telephone Company

Mershon, Ralph D. New York City
Consulting—General Practice

Metz, Ora F. Milwaukee, Wisconsin
Allis-Chalmers Company

ELECTRICAL ENGINEERS—Continued

Mooney, George L. Columbus, Ohio
Osborne & Sexton Machinery Company

Morrow, Rush B. Spokane, Washington
Washington Water Power Company

Mullin, William G. Chicago, Illinois
Electrolysis Expert
Central Union Telephone Company

Myers, Ord New York City
Engineer, Third Ave. Ry. Co., New York

Nesbitt, Frederick C. Columbus, Ohio
E. W. Clark & Company

Nye, Ralph D. Cleveland, Ohio
Sales Engineer
Westinghouse Electric & Mfg. Co.

Riddile, John S. New York City
With Ralph D. Mershon, Consulting Engr

Schieber, Arthur L. Swissvale Station, Pa.
Student Engineer
Westinghouse Electric & Mfg. Co.

Schneeberger, Grover B. Cleveland, Ohio
Cleveland Electric Illuminating Company

Scott, Wirt S. Columbus, Ohio
Superintendent Municipal Light Plant

Sedgwick, Edgar C. Columbus, Ohio
Educational Secretary Y. M. C. A.

Serva, Adam A. Fort Wayne, Indiana
Sales Engineer General Electric Company

Sherwood, Frank P. St. Louis, Missouri
Bell Telephone Company of Missouri

Shuler, William, Jr. Swissvale Sta., Pa.
Student Engineer
Westinghouse Electric & Mfg. Co.

Sill, Edgar T. Pittsburgh, Pa.
Construction Engineer
Westinghouse Electric & Mfg. Company

Simonton, Mark Columbus, Ohio
Construction Engr., Mark Simonton Co.

Singer, Roland P. Philadelphia, Pa.
Draftsman
Philadelphia Rapid Transit Company

Sloctemyer, Carl F. Cincinnati, Ohio
Sales Engineer, General Electric Company

Snyder, Floyd L. Columbus, Ohio
Central Union Telephone Company

Spurrier, John R. Orangeburg, N. J.
Superintendent Fibre Conduit Company

Stewart, John G. Bremerton, Wash.
Inspection Work—Mechanical and Electrical—Puget Sound Navy Yard

Stoltz, Glenn E. Pittsburgh, Pa.
Industrial Motor Application
Westinghouse Electric & Mfg. Co.

Storer, Norman W. Pittsburgh, Pa.
Railway Division—Electric Locomotives
Westinghouse Electric & Mfg. Co.

Stull, Emmett W. Wilkinsburg, Pa.
Electric Railways
Westinghouse Electric & Mfg. Co.

Tresselt, Oswald H.
New York Telephone Company
Glen Cove, Long Island, N. Y.

Volkmann, Robert E. Wilkinsburg, Pa.
Sales Engineer
Westinghouse Electric & Mfg. Company

Wilcox, Alva N. Dayton, Ohio
The Pinneo & Daniels Company

Williams, Samuel B. Brooklyn, N. Y.
Western Electric Company

Work, Norman R. Columbus, Ohio
E. W. Clark & Company

Work, William R. Pittsburgh, Pa.
Consulting Engineer, Wurts & Work

Wyne, Francis E. Wilkinsburg, Pa.
Railway Division
Westinghouse Electric & Mfg. Co.

Yeagle, William A. Clyde, Ohio
Yeagle Construction Company

Youmans, William R. Columbus, Ohio
Jeffrey Manufacturing Company

Zink, Joseph A. Chicago, Illinois
Lounsbery Bros., Electrical Engineers

Zurfluh, William N. Dayton, Ohio
Superintendent Dayton Arcade Company

LOGGING ENGINEERS

Frank, John N. Colleton, S. Carolina
Colleton Cypress Company

MECHANICAL ENGINEERS

Agner, Owen B. Columbus, Ohio
E. W. Clark & Company

Allen, Lee E. New Castle, Pa.
Pennsylvania Engineering Works

Bailey, Ervin G. Boston, Mass.
Consulting Engr., Fuel Testing Company

Bailey, Hazil H. Detroit, Michigan
Packard Motor Car Company

Bailey, William Jesse W. Philadelphia, Pa.
Testing Department, United Coal Co.

Banks, Thomas D. Columbus, Ohio
Municipal Reduction Plant

Bayley, William D. Springfield, Ohio
William Bayley Company

Bechberger, Earl H. Akron, Ohio
The Goodyear Tire & Rubber Company

Benedict, Eric W. Thomastown, Conn.
Bureau of Engineering, Waterbury, Conn.

Biggert, Edward F. Brooklyn, N. Y.
New York Telephone Company

Billings, Edward J. Boston, Mass.
With Arthur D. Little, Inc.

Bliven, Charles E. Columbus, Ohio
Kilbourne & Jacobs Manufacturing Co.

Boehme, Adolph Youngstown, Ohio
Youngstown Sheet & Tube Company

Bonnett, Frank H. Columbus, Ohio
Buckeye Steel Castings Company

Boothman, Dale M. Niagara Falls, N. Y.
Shredded Wheat Company

Bornhorst, August H. Detroit, Mich.
With Edward Gray

Bostater, Herbert L. Chicago, Illinois
Telephone Engr., Western Electric Co.

Brakeman, Roy E. Birmingham, Ala.
Blast Furnace and Rolling Mills
Tennessee Coal & Iron Company

Brightman, Howard L. Columbus, Ohio
Brightman Manufacturing Company

Cameron, Gaylor M. Rochester, N. Y.
Master Mechanic
New York State Railways Company

Caris, Ivan B. Dunbar, Pa.
Semet Solvay Company

Chatterton, Rollin M. Lexington, Ohio
The Smith Gas Power Company

Cowgill, Paul E. Columbus, Ohio
Weinman Manufacturing Company

Croy, Harold Lee Muncie, Indiana
Inter-State Automobile Company

Cunningham, Robert Cleveland, Ohio
Ingersoll-Rand Company

MECHANICAL ENGINEERS—Continued

Cusic, Howard L. Wilmerding, Pa.
Westinghouse Air Brake Company

Damron, Carson W. Columbus, Ohio
Jeffrey Manufacturing Company

DeWolf, Roger D. Rochester, N. Y.
Rochester Railway & Light Company

Dorsey, Walter A. Columbus, Ohio
Bonney-Floyd Co., Steel Castings

Ebinger, David H. Columbus, Ohio
D. A. Ebinger Sanitary Mfg. Company

Edgerton, Lloyd B. Schenectady, N. Y.
Experimental—Turbine Department
General Electric Company

Felger, Theodore H. Pittsburgh, Pa.
Sales Engineer
Platt Iron Works Company of Dayton

Ferguson, James W. Columbus, Ohio
Sales Engineer, Steel Car Department
Kilbourne & Jacobs Manufacturing Co.

Fisher, Charles S. Detroit, Michigan
Machine Designer
Packard Motor Car Company

Fisher, Dudley T. Columbus, Ohio
Patent Records
Jeffrey Manufacturing Company

Forster, Charles T. Chicago, Illinois
Sales Engineer
Chicago Coated Board Company

Foss, Clarence M. Muncie, Indiana
Service Engr., Inter-State Auto Company

Foster, Orie F. Columbus, Ohio
Municipal Reduction Plant

Frankenberg, John T. Providence, R. I.
Providence Telephone Company

French, Thomas Ewing Columbus, Ohio
Professor of Drawing
Ohio State University

Gehres, Hewett A. Mt. Vernon, Ohio
Designer—Gas Engines
C. & G. Cooper Company

Gould, William S. Lahontan, Nevada
U. S. Reclamation Service

Hartman, Oscar R. Toledo, Ohio
Bates Valve Bag Company

Hoberg, Harry H. Akron, Ohio
Reclaiming Department
Goodyear Tire & Rubber Company

Hood, Willard J. Cambridge, Ohio
Secretary of Board of Trade

Hopkins, Lloyd C. Lexington, Ohio
Designer, Smith Gas Power Company

Hultquist, Victor J.
Astoria, Long Island City, N. Y.
American Locomotive Company

Hyatt, Edward Cleveland, Ohio
Draftsman, Otis Steel Company

Hyatt, Edward Cleveland, Ohio
Chief Engineer, Otis Steel Company

Judson, Walter R. Mexico, D. F., Mexico
Sales Manager—Victor M. Braschi
Engineer and Contractor

Kalb, Warren C. Cleveland, Ohio
National Carbon Company

Keilholtz, Lester S. Dayton, Ohio
Dayton Engineering Laboratories Co.

Klie, Walter Cleveland, Ohio
Sales Engineer
J. L. Mott Iron Works of New York

MECHANICAL ENGINEERS—Continued

King, Roy S. Des Moines, Iowa
Fairbanks, Morse & Company

Knight, William A. Columbus, Ohio
Professor, Ohio State University

Leeper, Ralph W. Cincinnati, Ohio
General Electric Company

Liebich, Arthur T. Chicago, Illinois
W. C. Ritchie & Co., Mfgr. Paper Boxes

Levering, Orpheus D. Columbus, Ohio
Columbus Machine Company

Lincoln, Paul M. Pittsburgh, Pa.
General Engineer
Westinghouse Electric & Mfg. Co.

Meiklejohn, Robert Columbus, Ohio
Professor, Ohio State University

Mershon, Ralph D. New York City
Consulting Engineer, General Practice

Miller, Harry F. Columbus, Ohio
Consulting Engineer

Morris, Thomas B. Cincinnati, Ohio
E. K. Morris & Company

Morris, William B. Mount Vernon, Ohio
Designer, C. & G. Cooper Company

Mount, Carrol H. Columbus, Ohio
Jeffrey Manufacturing Company

Nordholt, John B. Dayton, Ohio
The Dayton Steel Foundry Company

Oakes, George W. Kokomo, Indiana
Pittsburgh Plate Glass Company

Parsons, Charles H. Schenectady, N. Y.
American Locomotive Company

Pocock, Paul C. New York City
Manager New York Office
Hydraulic Press Manufacturing Co.

Pohlman, Irwin H. Cleveland, Ohio
Draftsman, Park Drop Forge Company

Rightmire, Robert E. Fairmont, W. Va.
Fuel Testing, Consolidation Coal Co.

Schaub, Edward L. T. Columbus, Ohio
Bond Salesman

Skinner, Charles E. Wilkinsburg, Pa.
Research Division
Westinghouse Electric & Mfg. Co.

Smith, Carl J. Indiana Harbor, Indiana
Steam Expert, Inland Steel Company

Smith, Harry F. Lexington, Ohio
Smith Gas Power Company

Sperr, Carl H. Columbus, Ohio
Preliminary Engr., Jeffrey Mfg. Co.

Storer, Norman W. Pittsburgh, Pa.
Railway Division—Electric Locomotives
Westinghouse Electric & Mfg. Co.

Straub, Albert A. Pittsburgh, Pa.
Assistant Engineer, Power Stations
Pittsburgh Railways Company

Stull, Emmett W. Wilkinsburg, Pa.
Electric Railways
Westinghouse Electric & Mfg. Co.

Wadsworth, F. L. O. Pittsburgh, Pa.
Consulting Engineer

Ward, Vernon C. Chicago, Illinois
Contracting Agent
American Bridge Company

Williams, Ernest D. Schnectady, N. Y.
Steam Turbine Department
General Electric Company

Wingard, Todd A. Xenia, Ohio
Instructor, O. S. & S. Orphans' Home

Wolfe, Arthur C. Mount Vernon, Ohio
County Surveyor

Youmans, William R. Columbus, Ohio
Electrical Engr., Jeffrey Mfg. Company

MINING ENGINEERS

Alsdorf, George W. Raton, New Mexico
New Mexico-Colorado Coal & Mining Co.

Alsdorf, Percy R. Central City, Colorado
Consulting Engineer and Manager
Aurora Mines Co. & Calhoun Consolidated Mines Co.

Altstetter, George J. Clarksburg, W. Va.
Altstetter & McDaniel

Belden, Sanford B. Columbus, Ohio
Mining Dept., Jeffrey Mfg. Company

Bischoff, John W. Coalton, W. Va.
Chief Engineer—The Davis Colliery Co.

Blosser, Rolland E. Aura Lake, Ontario
Schumacher Mines

Bonnett, Edwin S. Columbus, Ohio
Toledo & Ohio Central Railroad

Brown, Frederick W. Columbus, Ohio
Consulting Engineer

Doty, Oliver Perry, Jr. Palatka, Michigan
Superintendent Spring Valley Iron Co.

Evans, Arthur W. Harriman, Tenn.
Gen. Supt. Brushy Mountain Coal Mines

Faust, Benjamin W. Fenix, Coahuila, Mexico
Fenix Coal Company

Fortney, Carleton E. Osborne, Ohio

Freeman, Stanton S. Parryville, Pa.
Blast Furnace
Carbon Iron & Steel Company

Gard, Irving R. Victoria, B. C., Canada
Canadian Collieries, Dunsmuir, Ltd.

Hardy, Paul Holden, W. Va.
Gen. Manager U. S. Coal & Oil Co.

Haverfield, Melvin G. San Luis Potosi,
S. L. P., Mexico
Cia Metallurgica Mexicana

Hirst, Harry Midvale, Ohio
Dennison Coal & Fuel Company

Howald, Ferdinand Columbus, Ohio
Retired

Kirkpatrick, James M. Denver, Colorado
Secretary E. C. Cornish Realty Company

Klyne, Paul S. Piqua, Ohio
Ohio Marble Company

Levering, Howard A. Berwind, W. Va.
Mining Engineer—N. River &
Pocahontas Consolidated Coal Co.

Long, George G. Butler, Pa.
Chief Engineer
Ford Collieries Co., Curtisville, Pa.

McFarland, Horace M. Ensley, Alabama
Assistant Superintendent
Tennessee Coal, Iron & Railway Co.

McQuigg, Charles E. Great Falls, Mont.
Metallurgist, Anaconda Copper Mining Company

Merrell, Bewley E. St. Petersburg, Fla.
Assistant to City Engineer

Meuche, Karl S. Houghton, Michigan
Meuche & Meuche

Myers, Albert B. El Oro, Mexico
El Oro Mining & Railway Company

Myers, Roy Vinton Knoxville, Tenn.
Consulting Engineer and Vice President
Myers & Whalee Company

Nieding, Frank E. Santa Eulalia, Chih, Mex.
San Toy Mining Company

Nold, Fred B. Republic, Pa.
Superintendent Republic Coke Works

Northrup, Harry B. State College, Pa.
Professor, Pennsylvania State College

Phelps, Cyrus A. Columbus, Ohio
Hess-Farris Mineral Exploration Co.

Quinn, John Houtzdale, Pa.
Quinn & Company

Rockhold, Cyrus K. Sunnyside, Utah
Utah Fuel Company

Scheibell, William O. Columbus, Ohio
Engineer of Cement Construction

Schettler, Bruno A. Shawnee, Ohio
Peabody Coal Company

Shawan, Robert F. Corning, Ohio
Sunday Creek Coal Company

Smith, Milton H. Chloride, New Mexico
Assayer, U. S. Treasury Mining Co.

Sperr, Frederick W. Houghton, Mich.
Consulting Engineer

Taylor, Arthur W. Gadsden, Alabama
Metallurgist, Southern Iron & Steel Co.

Theobald, Paul F. Plasterco, Virginia
Mine Superintendent

Thomas, John F. Sharon, Pa.
County Surveyor

Vennum, Ralph E. Paducah, Ky.
River Transportation
West Kentucky Coal Company

Williams, Thomas A. Alma, New Mexico
The Oaks Company

Young, Thomas B. Brownsville, Pa.
Brownsville Engineering & Contracting Company

RESEARCH ENGINEERS

Chubb, Lewis W. Pittsburgh, Pa.
Chemist, Westinghouse Elec. & Mfg. Co.

Gray, George F. Schenectady, N. Y.
General Electric Company

Jacobs, William M. Tarentum, Pa.
Chemist, Pittsburgh Plate Glass Co.

Skinner, Charles E. Wilkinburg, Pa.
Westinghouse Electric & Mfg. Co.

SALES ENGINEERS

Baker, Hugh J. Indianapolis, Indiana

Cannan, William J. .Syracuse, N. Y.
H. C. Edmiston, New York, Crockery

Cosley, Harvey H. Wheaton, Illinois
Cambria Steel Company

Cunningham, Robert Cleveland, Ohio
Ingersoll-Rand Company

Dierdorff, Percy C. Columbus, Ohio
Jeffrey Manufacturing Company

Felger, Theodore H. Pittsburgh, Pa.
Platt Iron Works Co., Dayton, Ohio

Ferguson, James W. Columbus, Ohio
Steel Car Department
Kilbourne & Jacobs Mfg. Co.

Forster, Charles T. Chicago, Illinois
Chicago Coated Board Company

Judson, Walter R. Mexico, D. F. Mexico
Victor M. Brachi, Engr. & Contractor

Klie, Walter Cleveland, Ohio
J. L. Mott Iron Works of New York

Leibold, Carl P. Mansfield, Ohio
Ohio Brass Company

Lied, Ernst M. Columbus, Ohio
Steel Car Sales Department
Kilbourne & Jacobs Mfg. Co.

Nye, Ralph D. Cleveland, Ohio
Westinghouse Electric & Mfg. Company

Pocock, Paul C. New York City
Hydraulic Press Manufacturing Co.
Mt. Gilead, Ohio

Sloctemyer, Carl F. Cincinnati, Ohio
General Electric Company

Serva, Adam A. Fort Wayne, Indiana
General Electric Company

Talmadge, Henry R. Mt. Gilead, Ohio
Hydraulic Press Manufacturing Co.

Volkmann, Robert E. Wilkinsburg, Pa.
Westinghouse Electric & Mfg. Company

Winger, Stanley Du Bois Chicago, Illinois
Green Engineering Company

SANITARY ENGINEERS

Booher, Warren H. Raleigh, N. C.
State Board of Health

Clow, George V. Louisville, Ky.
Louisville Sewage Commission

Gascoigne, George B. Sandusky, Ohio
Assistant City Engineer

STATIONARY ENGINEER

liams, Guy H. Findlay, Ohio
Adams Motor Truck Works

TELEPHONE ENGINEERS

Biggert, Edward F. Brooklyn, New York
New York Telephone Company

Bostater, Herbert L. Chicago, Illinois
Western Electric Company

Frankenberg, John T. Providence, R. I.
Providence Telephone Company

Hope, Harry L. Kansas City, Missouri
Missouri and Kansas Telephone Co.

Longsworth, Clyde B. Napoleon, Ohio
Napoleon Home Telephone Company

Manley, Rush E. Columbus, Ohio
Central Union Telephone Company

Mellenger, Aubrey H. Brooklyn, New York
New York Telephone Company

Mullin, William G. Columbus, Ohio
Central Union Telephone Company

Polk, Walter C. Kansas City, Missouri
Home Telephone Company of Missouri

Sherwood, Frank P. St. Louis, Missouri
Bell Telephone Company of Missouri

Snyder, Floyd L. Columbus, Ohio
Central Union Telephone Company

Tresselt, Oswald H. Glen Cove, . .
Long Island, New York
New York Telephone Company

Williams, Samuel B. Brooklyn, N. Y.
Western Electric Company

U. S. ENGINEERING SERVICE

See Federal Service, War Department

WIRELESS TELEGRAPH ENGINEER

Marriott, Robert H. Brooklyn, N. Y.
Engineer, Marconi Wireless Telegraph Company of America

ENTOMOLOGIST

Ball, Elmer D. Logan, Utah
State Experiment Station

Cotton, Edwin C. Knoxville, Tenn.
Agricultural Experiment Station

Harned, Robey W.
Agricultural College, Miss.
Professor of Zoology

Metcalf, Zeno P. Raleigh, N. C.
State Experiment Station

Niswonger, Ray H. Lexington, Ky.
State Experiment Station

O'Kane, Walter C. Durham, N. H.
State Experiment Station

Osborn, Herbert T. Murray, Utah
U. S. Bureau Entomology

Parks, Thaddeus H. Salt Lake City, Utah
U. S. Bureau of Entomology

Sanders, James G. Madison, Wisconsin
Professor of Economic Entomology

Zimmer, James F. Washington, D. C.
U. S. Bureau of Entomology

EXECUTIVE OFFICERS—COLLEGE

See Universities and Colleges—Administration Officers

EXTENSION—UNIVERSITY

See Universities and Colleges—Extension Department

FARMERS, RANCHMEN AND PLANTERS

Avery, Bernard H. Bowling Green, Ohio

Boynton, Frank J. Haverhill, Ohio

Beck, Blacque F. Tiffin, Ohio
Live Stock Specialist

Benton, Earl W. Mendon, Ohio

Caywood, G. Homer Somerset, Ohio

Crumrine, George R. Nova, Ohio

Dickinson, Grant F. Bellefontaine, Ohio

Dilatush, William H. Dague, Arkansas

Dunlap, Philip M., Jr. Chillicothe, Ohio
Stock Raiser

Dunlap, Renick W. Kingston, Ohio

Dwyer, Horace E. Greenfield, Ohio

Ebright, Melville C. Shreve, Ohio
Stockman

Elder, Walter N. Selma, Ohio

Finney, Elkana E. Cedarville, Ohio
Stock Raiser

Foster, Thomas B. Foster, Ohio

Fox, Ross G. Lakeview, Wash.

Halverstadt, Clark J. Leetonia, Ohio

Hummon, Simon P. West Leipsic, Ohio

Lamb, Whitney E. Commercial Point, Ohio
Stock Raiser

Linebaugh, Harry Grove City, Ohio

McClelland, George C. Fredericktown, Ohio

McGuffey, Francis H. Conover, Ohio
Truck Grower and Shipper

Meek, Paul D. Columbus, Ohio

Merrell, George B. St. Petersburg, Fla.

Mickle, Edward H. Springfield, Ohio

Miller, Henry P. Delaware, Ohio

Moist, Albert R. Glendale, Ohio

Monosmith, David J. Spencer, Ohio

Moore, Melbourne D. Salem, Ohio
Dairy

Nettleton, Albert W. Medina, Ohio

Penn, Ralph R. Washington C. H., Ohio

Risser, Edwin O. Pandora, Ohio

Risser, Louis D. Pandora, Ohio

Rodgers, Roland W. Cincinnati, Ohio

Rubins, Frank D. Kenton, Ohio

Schaal, Wilbert Flushing Ohio

Shawhan, Sylvan H. Xenia, Ohio

Snodgrass, David P. Canonsburg, Pa.

Stump, Franklin P. Convoy, Ohio
Breeder of Red Polled Cattle and Berkshire Swine

Vanderbark, Weldon G. Zanesville, Ohio

Walker, Rollo E. Attica, Ohio

Weaver, Samuel J. Leipsic, Ohio

White, Thomas P Hooker, Ohio

Wood, Willard B. Marshalltown, Iowa

Wright, Lawrence G. New Vienna, Ohio
Stock Raiser

FEDERAL SERVICE

DEPARTMENT OF AGRICULTURE

Bureau of Animal Industry

Canfield, Charles H. Island Pond, Vermont

Dallas, John T. Portland, Oregon

DeFosset, Albert J. Cheyenne, Wyoming

Hart, Harry Maurice Douglas, Arizona

Potter, George M. Washington, D. C.
Pathological Laboratory

Schmidt, John P. Pittsburgh, Pa.

Shaw, Edward L. Washington, D. C.

Sparhawk, Howard H. Wichita, Kas.

Vaughn, Paul Kansas City, Missouri

Williams, John O. Fort Collins, Colorado
Experiment Station, Breeding Dept.

Wilson, John O. Pendleton, Oregon

Bureau of Chemistry

Grant, Ernest H. New Orleans, La.

Greenlee, Arden D. Philadelphia, Pa.

Hendrix, Byron M. Washington, D. C.

Lucas, Howard J. Chicago, Illinois

Wilson, John B. Washington, D. C.

Bureau of Entomology

Osborn, Herbert T. Murray, Utah

Parks, Thaddeus H. Salt Lake City, Utah

Zimmer, James F. Washington, D. C.

FEDERAL SERVICE—Continued

Bureau of Plant Industry

Duvell, Joseph W. T. Washington, D. C.
Crop Technologist

Houser, True Germantown, Ohio

Selby, Augustine D. Wooster, Ohio

Bureau of Soils

Crabb, George A. Washington, D. C.

Eckman, Emil C. Washington, D. C.

Mooney, Charles N. Washington, D. C.

Weather Bureau

Fassig, Oliver L. San Juan, Porto Rico
Section Director, U. S. Weather Bureau

Food Inspection

Clayton, Howard D. New York City
U. S. Appraiser's Stores, Food Inspection Laboratory

Grain Standardization

Rothrock, Philip New Orleans, La.

DEPARTMENT OF COMMERCE AND LABOR

Bureau of Fisheries

Shira, Austin F. Homer, Minnesota
Scientific Assistant

Bureau of Standards

Brooks, Herbert B. Washington, D. C.
Physicist

Montgomery, Earle T. Pittsburgh, Pa.
Clay Products Section

Murray, Gerard A. Pittsburgh, Pa.
Clay Products Section

Nothstine, Arthur C. Washington, D. C.
Structural Materials Laboratory

Priest, Irwin G. Washington, D. C.
Physicist

DEPARTMENT OF THE INTERIOR

Secretary

Thompson, Carmi A. Washington. D. C.
Assistant Secretary of Interior

Geological Survey

LeFeaver, James H. Washington, D. C.
Topographer

Bureau of Mines

Fieldner, Arno C. Pittsburgh, Pa.
Chemist in Coal Laboratory

Watts, Arthur S. Columbus, Ohio
Quarry Technologist

Patent Office

Reif, Charles C. Washington, D. C.
Assistant Examiner

Reclamation Service

Finley, Guy C. North Yakima, Washington
Water Master

Gould, William S. Lahontan, Nevada
Electrical Engineer

FEDERAL SERVICE—Continued

Surveyors

Chubb, Wistar M. Washington, D. C.
Special Disbursing Agent

Fassett, Earle W. Ashtabula, Ohio
Civil Engineer in United States Indian Service

DEPARTMENT OF JUSTICE

United States District Court

DeWitt, Claude B. Sandusky, Ohio
Referee in Bankruptcy

Jaynes, Allen B. Tucson, Arizona
Clerk U. S. Court

LIBRARIAN IN LIBRARY OF CONGRESS

McCombs, Charles F. Washington, D. C.
Assistant in Reading-Room

POST OFFICE DEPARTMENT

Postmasters

Hazlett, Robert Wheeling, W. Va.

Stough, Luther B. Bellefontaine, Ohio
Assistant Postmaster

DEPARTMENT OF STATE

United States Consular Service

Boesel, Robert C.
Carlsbad, Bohemia, Austria
American Vice and Deputy Consul

TREASURY DEPARTMENT

Surpervising Architect

Melick, Neal A. Granite City, Illinois
Construction Engineer, Public Buildings

WAR DEPARTMENT

Army

Ford, Stanley H. Jefferson Barracks, Mo.
Captain and Quartermaster

Sigerfoos, Edward Washington, D. C.
United States Captain and Adjutant

Cadet

Mooney, James E. West Point, New York
U. S. Military Academy

Engineers Department

Burrell, Glenn S. Portsmouth, Virginia
Civil Engineer, Navy Yard

Early, Frank E. Maplewood, Missouri
Mississippi River Commission

Flynn, Harry F. Seattle, Wash., Box 1809
Junior Engineer, U. S. Engineer's Dept.

Stewart, John G. Bremerton, Washington
Mechanical and Electrical Engineer
Navy Dept., Puget Sound Navy Yard

Navy

Public Health and Marine Hospital Service

Francis, Edward Washington, D. C.
Assistant Director Hygiene Laboratory

FILTRATION PLANT

See Municipal Service, Public Service Department

FOOD AND DAIRY INSPECTORS

See Municipal Service, Board of Health

FOOD INSPECTION—U. S. APPRAISERS STORES

See Federal Service, Department of Agriculture

FORESTERS

Hirst, Edgar C. Concord, New Hampshire
State Forester of New Hampshire

Jotter, Ernest Victor Weaverville, Cal.
Trinity National Forest

Rane, Frank W. Boston, Mass
State Forester of Massachusetts

FORESTERS—STATE

See State Service

FOUNDRY EXPERT

Nordholt, John B. Dayton, Ohio
Steel Castings

FREIGHT AGENT

Poveleite, Henry A.(Smith) Cincinnati, Ohio
Queen & Crescent Route

GAS AND FUEL

See Public Utilities

GEOGRAPHER

Fassig, Oliver L. San Juan, Porto Rico
U. S. Weather Bureau

GEOLOGICAL SURVEY—U. S.

See Federal Service, Department of Interior

GEOLOGISTS

Bownocker, John A. Columbus, Ohio
Ohio State Geologist

Condit, Daniel D. Columbus, Ohio
Geological Survey of Ohio

Meuche, Karl S. Houghton, Michigan

GEOLOGISTS—STATE

See State Service

GRADE TEACHERS

See Public Schools

GRAIN STANDARDIZATION

See Federal Service, Dept. of Agriculture

HIGH SCHOOL PRINCIPALS

See Public Schools, Administration Officers

HIGH SCHOOL TEACHERS

See Public Schools

HIGHWAY COMMISSION—STATE

See State Service

HOSPITAL FOR INSANE—STATE

See State Service

HORTICULTURALISTS

Richardson, Hamilton H. Cleveland, Ohio
Fruit and Vegetable Grower

Waid, Clarence W. New Carlisle, Ohio
Orchardist

Yeager, William G. Central Point, Oregon
Orchard Superintendent

HOTEL MANAGER

Bowling, Alonzo J. (colored) Boston, Mass.
Hotel Upton

HOUSE PAINTER

Jewell, Paul E. Toledo, Ohio

IMPORTER

McLaughlin, James B. Columbus, Ohio
McLaughlin Bros., Horse Importers

INDUSTRIAL PLANTS & MANAGEMENT

See Engineers, Consulting

INSPECTION BUREAU—STATE

See State Service

INSPECTOR OF BUILDINGS

See Municipal Service, Department of Public Safety

INSURANCE

Belknap, John G. Columbus, Ohio
The Continental Casualty Company

Corotis, Maxwell E. Columbus, Ohio
The Midland Mutual Insurance Co.

Davis, Charles W. Cleveland, Ohio
General Insurance—Albert Rees Davis

Foster, Dudley H. Toledo, Ohio
Vice President and Treasurer
The Great Northern Life Insurance Co.

Garvin, Charles R. Columbus, Ohio
Mutual Benefit Life Insurance Company of New Jersey

Green, Edward L. Cambridge, Ohio
The Connecticut Fire Insurance Company of Hartford

Howard, Homer C. Columbus, Ohio
Liability and Casualty

Hoyer, Ralph W. Columbus, Ohio
John Hancock Mutual Life Insurance Co.

Kloeb, Frank L. Celina, Ohio
Examiner, Ohio State Insurance Dept.

Malone, William R. New York City
President, Postal Life Insurance Co.

Mundhenk, Frederick Toledo, Ohio
John Hancock Mutual Life Insurance Co.

Scheffler, Edward C. Canton, Ohio
Royal Union Mutual Life Insurance Co.

Wilson, Milo D. Bowling Green, Ohio
General Insurance

INVENTORS

Altstetter, George J. Clarksburg, W. Va.
Mining and Civil Engineer

Duvel, Joseph William Tell Washington, D. C.
Crop Technologist

Mershon, Ralph D. New York City
Consulting Engineer

Sharp, Charles C. Nelsonville, Ohio
Civil Engineer

Wadsworth, F. L. O. Pittsburgh, Pa.
Consulting Engineer

JOURNALISTS

Boesel, Albert G. New York City
Editorial Depatment, New York Times

Crawford, William S. Chicago, Illinois
Associate Editor
The Western Underwriter

Galbraith, John H. Columbus, Ohio
Conducting News Syndicate

Harris, Walter C. Brooklyn, New York
Art Department, New York World

Hunter, Junius K. Chillicothe, Ohio
Telegraph Editor, News-Advertiser

Jaynes, Allen B. Tucson, Arizona
Vice President and General Manager
Tucson Citizen

Merrick, Lawrence H. Zanesville, Ohio
Managing Editor, Times-Recorder

Myers, Joseph S. Pittsburgh, Pa.
Editor, Pittsburgh Post
Managing Editor, The Sun

Schuck, Carey L. Monessen, Pa.
Editor and Owner, The Monessen News

Shoemaker, Carl D. Roseburg, Oregon
Editor and Owner, The News

JUDGE OF POLICE COURT

See Municipal Service, Judicial Dept.

JUSTICE OF THE PEACE

See Municipal Service, Judicial Dept.

LANDSCAPE ARCHITECT

De Pue, Chalmers W. Brookline, Mass.
Olmsted Brothers

Hyatt, Harry C. Cleveland, Ohio
Assistant to Walter Bussman

LECTURERS

Coulter, Ernest K. New York City
Child Problems, Civic Betterment, Immigration

Foulk, Mrs. Elma P. Columbus, Ohio
Home Economics

Livingston, Mrs. Inez Grand View, Ohio
Home Economics

Miller, Henry P. Delaware, Ohio
Ohio State Board of Agriculture

LIBRARIANS

Krauss, Bertha K. Baltimore, Maryland
Cataloguer, Library,
Johns Hopkins University

Jones, Olive Columbus, Ohio
Librarian, Ohio State University

McCombs, Charles F. Washington, D. C.
Library of Congress, Reading Room Staff

Morris, Alice L. Delaware, Ohio
Assistant Cataloguer, Library
Ohio Wesleyan University

Phillips, Lydia A. Columbus, Ohio
Reference Librarian
Public School Library

Reeder, Charles W. Columbus, Ohio
Library, Ohio State University

Rhoades, Rachel Ann Arbor, Michigan
General Assistant, Library
University of Michigan

Schneider, Bertha M. Columbus, Ohio
Library, Ohio State University

Ward, Annette P. Cleveland, Ohio
Library, Western Reserve Historical Society

LIBRARY OF CONGRESS

See Federal Service

LIGHT AND POWER

See Public Utilities

LITHOGRAPHERS

See Printers and Publishers

LOGGING ENGINEERS

See Engineers

MANUAL TRAINING TEACHERS

See Public Schools, Special Teachers

MANUFACTURERS

Auld, James A. Columbus, Ohio
D. L. Auld Co., Manufacturing Jewelers

Beardsley, Orsamus D. Chicago, Illinois
Secretary and Treasurer, The Sykes Co.
Sheet Metal Work

Belden, Sanford B. Columbus, Ohio
Manager, Mining Department
The Jeffrey Manufacturing Company

Bowser, Earl L. Wellsboro, Pa.
The Helvetia Milk Condensing Plant

Brightman, Harrison M. Columbus, Ohio
The Brightman Mfg. Co.—Machinery

Brightman, Howard L. Columbus, Ohio
The Brightman Mfg. Co.—Machinery

Brightman, Joseph H. Columbus, Ohio
The Brightman Mfg. Co.—Machinery

Bush, Kent G. Ancho, New Mexico
Secretary, Western Clay and Gypsum Products Company

Butcher, Frederick E. Joplin, Missouri
Vice President and General Manager
American Concentration Company

Child, James L. Findlay, Ohio
Manager, Hancock Brick and Tile Co.

Crowner, Delbert A. Columbus, Ohio
President, West Jefferson Creamery Co.

Dock, Howard Cincinnati, Ohio
Wm. Dock & Co., Manufacturer Soap

Fackt, George P. Denver, Colorado
The Denver Terra Cotta Company

Fay, Byron A Columbus, Ohio
Shop Engineer and Assistant General Superintendent, Columbus Buggy Co.

MANUFACTURERS—Continued

Gray, Arthur E. Pittsburgh, Pa.
Gray-Thurber Automatic Train and Signal Co., Construction Supt.

Hayes, Robert L. Columbus, Ohio
R. L. & M. H. Hayes, Carriage Manufacturers

Hebble, Charles R. New York City
Indian Refining Company, Oils

Kittle, James M. Columbus, Ohio
Assistant Superintendent Ohio Malleable Iron Company

Kurtz, Charles J. Columbus, Ohio
Secretary-Treasurer
The Scioto Stone Company

Levering, Orpheus D. Columbus, Ohio
The Columbus Machine Company

Liebich, Arthur T. Chicago, Illinois
Assistant Superintendent
W. C. Ritchie & Company
Paper Boxes and Cans

Love, Jacob W. Warren, Ohio
Secretary-Treasurer, The Permel Manufacturing Company

McCann, James S. Thornton, W. Va.
Superintendent Thornton Fire Brick Co.

McKee, William C. Indiana Harbor, Ind.
Assistant Superintendent
The Inland Steel Company (Pig Iron)

Martin, John D. New Straitsville, Ohio
Superintendent
Straitsville Impervious Brick Company

Meek, William W. Columbus, Ohio
J. W. Meek & Co., Harness

Minnemann, Johannes Barberton, Ohio
Ohio Insulator Company

Moist, Harvey C Dayton, Ohio
Charles Glawe Co., Awnings, Tents, and Flags

Mooney, George L. Columbus, Ohio
Treasurer Osborn & Sexton Machinery Company

Myers, Roy V. Knoxville, Tennessee
Vice-President, Myers-Whalee Company
Shoveling Machines

Napper, Charles W. (colored)
Greenfield, Ohio
C. B. Patterson & Sons Co., Carriages

Nelson, Leo R. West Manchester, Ohio
Secretary-Treasurer C. A. Nelson Drain Tile Company

Newton, Edwin A. Philadelphia, Pa.
Knitting Machinery

Patterson, Fred D. (colored)
Greenfield, Ohio
C. B. Patterson & Sons Co., Carriages

Payne, Halbert Edwin New York City
President, American Typewriter Co.

Pearl, Allen S. Maywood, Illinois
Secretary-Treasurer
Delta Star Electric Company
Electrical High Tension Specialties

Piper, Albert B. Detroit, Michigan
Electrical Department Cadillac Motor Car Company

Pleukharp, Irvin Hiram Columbus, Ohio
Manager, Atlas Brass Foundry Company
Brass and Bronze Castings

Powers, Charles A. Genoa, Ohio
Manager P. & W. Advertising Pencil Company, Advertising Novelties

Robinson, Erdis G. Columbus, Ohio
President of the S. W. Robinson & Co., Optical Machinery

Rothwell, James M. Martinsburg, W. Va.
President Rothwell & Co., Ice

South, Dale R. Bethel,Ohio
Clothing Manufacturer

Southard, Thomas C. Columbus, Ohio
President Southard Novelty Company
Advertising Novelties

Watt, H. Huston Barnesville, Ohio
Watt Mining Car Wheel Company

Wood, Paul J. Pekin, Illinois
Manager Pekin Egg Case Company

Woodborne, Edwin S. Fox Lake, Wis.
Superintendent Fox Lake Canning Co.

Yeagle, William A. Clyde, Ohio
Yeagle Concrete Block Factory

MARINE AND HOSPITAL SERVICE

See Federal Service,War Department—Navy

MAYOR

See Municipal Service, Executive Department

MECHANICAL ENGINEERS

See Engineers

MECHANICAL ENGINEERS—CONSULTING

See Engineers, Consulting

MEDICAL BOARD

See State Service

MERCANTILE BUSINESS

Barnett, Earl R. Washington C. H., Ohio
Groceries

Bering Edgar A. Cincinnati, Ohio
Sales Manager, Shoe Company

Blaire, Edward G. Shawnee, Ohio
Drugs and Jewelry

Caskey, Fred A. Marietta, Ohio
Steel Office Equipment

Caskey, George A. Columbus, Ohio
Secretary-Treasurer, Kossman Dye Co.

Cave, Harry E. Columbus, Ohio
Paper

Cobb, Norval H. Warren, Ohio
Enterprise Electric Company

Cornell, Fred A. Toledo, Ohio
Automobile Service Department,
Willys-Overland Company

Crane, Carson K. Columbus, Ohio
Wholesale Cigars and Tobacco

Crooks, Clair L. Van Wert, Ohio
Hardware

Dick, Ralph H. Marietta, Ohio
Office Supplies

Dunnick, Edward Atlanta, Georgia
Cork

Emory, Charles M. Stockdale, Ohio

Fay, Perry Smith Philadelphia, Pa.
John Wanamaker Company

Fergus, Guy C. Zanesville, Ohio
Electrical Supplies

Fieser, Louis F Columbus, Ohio
Pig Iron

MERCANTILE BUSINESS—Continued

Gardner, Harry W. Bryan, Ohio
Hardware

Gardner, Walter T. Bryan, Ohio
Hardware

Gates, Ellis D. Chicago, Illinois
Terra Cotta and Clay Products

Geren, Arthur G. Columbus, Ohio
Books, Drawing and Office Supplies

Goodman, Joseph C. Columbus, Ohio
Jewelry

Hager, LeRoy W. Piqua, Ohio
Ice

Hammond, Clarence I. Columbus, Ohio
Fuels

Harmount, Timmons Chillicothe, Ohio
Lumber

Harriman, Whedon S. Columbus, Ohio
Post Cards

Heekin, Robert E. Cincinnati, Ohio
Spices

Huddleson, Don C. Columbus, Ohio
Electrical Supplies

Ingalls, Osmer C. Columbus, Ohio
Coal and Building Supplies

Jacobi, J. Albert Molino, Florida
Lumber

Korst, William Chillicothe, Ohio
Groceries

Loeb, Arthur E. Columbus, Ohio
Electrical Appliances

Lynn, Harry Columbus, Ohio
Gas and Electric Fixtures

Long, Frank C. Columbus, Ohio
College Book Seller

McCallum, Raymond Columbus, Ohio
Coal

Marting, Ralph S. Portsmouth, Ohio
Department Store

Rothwell, James M. Martinsburg, W. Va.
Apple Shipper

Shannon, Francis W. Columbus, Ohio
Furniture

Smith, John A. Arcanum, Ohio
Leaf Tobacco

Spitler, Grover O. Bluffton, Indiana
Hardware

Summer, Samuel N. Columbus, Ohio
Iron and Steel

Van Tilburg, Vincent B. Minneapolis, Minn.
Oil

Wolfley, John W. Delaware, Ohio
Plumbing and Sheet Metal

METALLURGISTS

McCleary, Fred E. Detroit, Michigan
Research Department, General Motors Company

McQuigg, Charles E. Great Falls, Mont.
Investigator, Testing Department, Copper Mining Company

Smith, Milton H. Chloride, New Mexico
U. S. Treasury Mining Company

Taylor, Arthur W. Gadsden, Alabama
Southern Iron & Steel Company

METEOROLOGIST

Fassig, Oliver L. San Juan, Porto Rico
U. S. Weather Bureau

MINE OPERATORS AND OFFICERS

Evans, Arthur W. Harriman, Tennessee
General Superintendent Brushy Mountain Coal Mine

Gibbs, George E. NewStraitsville, Ohio
Coal

Hardy, Paul Holden, W. Va.
General Manager U. S. Coal & Oil Co.

Hirst, Harry Midvale, Ohio
Superintendent and Manager Dennison Coal & Fuel Company

Kurtz, Charles J. Columbus, Ohio
Secretary-Treasurer The Guanajuato Reduction & Mines Co. (silver and gold)

Sharp, Charles C. Nelsonville, Ohio
President Gauley Coal Company

Tarr, Edward R. Wellsburg, W. Va.
Owner and Manager Oak Hill Coal Mines

Wildermuth, Roy L. Blaine, Ohio
General Manager Lorain Coal & Dock Company

MINING ENGINEERS

See Engineers

MINING ENGINEERS—CONSULTING

See Engineers—Consulting

MISSIONARIES

Hannum, William H. Vengurle,
Presbyterian Board Ratnagiri, India

Lawrence, Mary Elizabeth Passur,
Sialkot District, India
United Presbyterian Board

MUNICIPAL SERVICE

BOARD OF HEALTH

Bacteriologists

Beer, James A. Columbus, Ohio

Food and Dairy Inspectors

Ewing, Harry E. Columbus, Ohio
Food Inspector

Leslie, Roy F. Columbus, Ohio
City Dairy Inspector

Sanitary Engineer

Gascoigne, George B. Sandusky, Ohio

EXECUTIVE DEPARTMENT

Mayor

Peters, William L. Riverside, California

JUDICIAL DEPARTMENT

Judge of Police Court

Osborn, Samuel Galloway Columbus, Ohio

Justice of the Peace

Bostwick, Homer Z. Columbus, Ohio

Everett, Emmit E. Lima, Ohio

DEPARTMENT OF LAW

City Solicitor and Corporation Counsel

Boden, Elmer E. Barberton, Ohio

MUNICIPAL SERVICE—Continued

Davis, Thomas C. Massillon, Ohio

Fenton, Marshall G. Chillicothe, Ohio

Juniper, Charles W. Nelsonville, Ohio

Little, Kenneth Bradford, Ohio

McCray, Thomas Y Mansfield, Ohio

Porter, Clyde C. Tiffin, Ohio

Skinner, James G. Chicago, Illinois
Assistant Corporation Counsel

City Prosecutor

Schlesinger, Hugo N. Columbus, Ohio

PUBLIC SAFETY

Inspector of Buildings

Cunningham, Edward W. Cleveland, Ohio

DEPARTMENT OF PUBLIC SERVICE

City Engineers

Bahrke, Carl F. Columbus, Ohio

Cook, James S. Painesville, Ohio

Cosgrove, Karl M. Cambridge, Ohio

Craig, Ora J. Greenville, Ohio

Crayton, Guy A. Lima, Ohio

Dressler, Harvey J. Dayton, Ohio

Edgerly, Ray J. Albany, Georgia

Inskeep, Clair A. Bellefontaine, Ohio

Kline, Charles H. Dayton, Ohio

Merrell, Bewley E. St. Petersburg, Fla.

Miller, Roy E. Lebanon, Ohio

Morrison, Robert O. Monroe, Louisiana

Savage, Luke F. McKeesport, Pa.

Tanner, John R. Zanesville, Ohio

Walker, John M. Maysville, Ky.

Draftsman

Benedict, Eric W. Thomastown, Conn.
Bureau of Engineering

Municipal Light Plant

Armstrong, Micajah R. Columbus, Ohio

Helpbringer, James N. Columbus, Ohio

Scott, Wirt S. Columbus, Ohio

Reduction Plant

Banks, Thomas D. Columbus, Ohio

Foster, Orie F. Columbus, Ohio

WATER WORKS DEPARTMENT

Draftsmen

Britton, Guy Boonton, New Jersey
Jersey City Water Works

Norton, Victor C. Columbus, Ohio

Filtration Plant

Jones, Grandville R. Washington, D. C.
Chemist

Sewage Testing Station

Hommon, Harry B. Akron, Ohio
Chemist

NURSES

Kinkade, Alice Marysville, Ohio

Price, Olive E. Lakewood, Ohio

Schubert, Floribel C. Monroe, Wisconsin

PATENT OFFICE

See Federal Service, Department of Interior

PATHOLOGIST

Orton, Samuel T. Worcester, Mass.
Worcester State Hospital

Wood, Francis Carter New York City
St. Luke's Hospital

PATHOLOGIST—STATE

See State Service

PHARMACISTS

Ackerman, Graham B. Columbus, Ohio

Beeler, Clyde S. Hamilton, Ohio

Berger, Joseph C. Columbus, Ohio

Blum, Robert G. Portsmouth, Ohio

Fickardt, George H. Circleville, Ohio

Funk, John R. Hamilton, Ohio

Holden, James W. Marietta, Ohio

Hutsinpiller, Charles L. Wellston, Ohio

Jones, Fred E. Columbus, Ohio

Kiler, Abdel W. Columbus, Ohio

Lawler, James F. Mt. Vernon, Ohio

Lefferson, Charles H. Lima, Ohio

Lucas, Charles H. Circleville, Ohio

McClintock, Chester W. Columbus, Ohio

McElroy, William H. Canton, Ohio

Pike, George W. Akron, Ohio

Reynolds, Glide A. Akron, Ohio

Roscoe, Percy E. Kirksville, Missouri

Stump, William L. Marion, Ohio

Welsh, Allen G. Youngstown, Ohio

Wilburn, Ballard R. Carthage, Cincinnati, Ohio

PHOTOGRAPHER

Baker, Duane H. Columbus, Ohio
Baker's Art Gallery

PHYSICIANS AND SURGEONS

Physicians

Baldwin, Hugh A. Columbus, Ohio

Beer, James A. Columbus, Ohio
Bacteriologist

Bowen, Charles F. Columbus, Ohio
X-Ray Specialist

PHYSICIANS AND SURGEONS—Continued

Burkett, D. Van Buren Columbus, Ohio

Clouse, Kenneth A. Columbus, Ohio

Drenner, Jefferson N. Loydsville, Ohio

Foote, Ada May Nichols Dublin, Ireland
Osteopathist

Gatewood Chicago, Illinois
Research Fellowship, Michael Reese Hospital

Gatewood, Lee Connel Chicago, Illinois
Presbyterian Hospital

Gorrell, Emilie C. Columbus, Ohio

Hill, Frank Edwin Muncie, Indiana

Keiser, Romeo O. Columbus, Ohio

Knox, John D. Niles, Ohio

McClure, Charles W. Columbus, Ohio

McClure, Roy D. Baltimore, Md.
Johns Hopkins University

Mason, George F. Milwaukee, Wis.

Matson, George H. Columbus, Ohio
Secretary Ohio State Medical Board

Means, Hugh J. Columbus, Ohio
X-Ray Specialist

Neiswender, Lisle W. Columbus, Ohio

Oglesby, Nicholas P. Columbus, Ohio

Orton, Samuel Torrey Worcester, Mass.
Pathologist, Worcester State Hospital

Rarick, Murray M. Thornville, Ohio

Richardson, William W. Norristown, Pa.
Chief Physician, State Hospital for Insane

Roscoe, Percy E. Kirksville, Mo.
Osteopathist

Schueller, Erwin W. Columbus, Ohio

Scott, Walter A. St. Johns. Mich.

Sellenings, Albert E. New York City

Snively, Harry H. Columbus, Ohio

Townsend, Arthur B. New York City

Williamson, Homer D. Bethany, Ohio

Wood, Francis Carter New York City
Pathologist

Surgeons

Baldwin, Hugh A. Columbus, Ohio

Goodman, Sylvester J. Columbus, Ohio

Holston, John G. F., Jr. Zanesville, Ohio

Mason, George F. Milwaukee, Wis.

McClure, Roy D. Baltimore, Md.
Resident Surgeon, Johns Hopkins University Hospital

Rarick, Murray M. Thornville, Ohio

Scott, Walter A. St. Johns, Mich.

Sellenings, Albert E. New York City

PHYSICISTS

Brooks, Herbert B. Washington, D. C.
Bureau of Standards

Priest, Irwin G. Washington, D. C.
Bureau of Standards

Sosman, Robert B. Washington, D. C.
Carnegie Institute

PLANTERS

See Farmers

POSTOFFICE OFFICIALS

See Federal Service, Postoffice Department

PRESIDENTS—COLLEGE

See Universities and Colleges, Administration Officers

PRINCIPALS OF HIGH SCHOOLS

See Public Schools, Administration Officers

PRINCIPAL OF PRIVATE SCHOOL

Anderson, Newton M. Asheville, N. C.

PRINTERS AND PUBLISHERS

Adair, Henry S. Columbus, Ohio

Hesse, George Ernest New York City

Myers, Uriah H. Pittsburgh, Pa.

Robinson, Erdis G. Columbus, Ohio
Computing Charts for Gas Flow

Sears, Walter J. Columbus, Ohio
Lithographer, Sears & Simpson Co.

Simpson, Warner P. Columbus, Ohio
Lithographer, Sears & Simpson Co.

PROBATE JUDGE

See County Service

PROFESSORS—COLLEGE

See Universities and Colleges

PROSECUTING ATTORNEYS

See County Service

PUBLIC SCHOOLS

ADMINISTRATIVE OFFICERS

Superintendents of Schools

Cline, Cecil Roy Albany, Ohio

Hughes, Henry T. Bloomingburg, Ohio

Jennings, William S. Cody, Wyoming

Ketner, Victor C. Hoytville, Ohio

McCune, Charles N. Columbiana, Ohio

Moody, Ancil E. Flushing, Ohio

Sealock, William E. Circleville, Ohio

Warren, Milton C. Mt. Gilead, Ohio

Principals of High Schools

Adkins, Stanley London, Ohio

Clark, David B Circleville, Ohio

Crout, Ray D. Ironton, Ohio

Davis, Clara Maude McArthur, Ohio

Dieterick, Henry C. Ashtabula, Ohio

Durkee, Ralph H. Conneaut, Ohio

Fullerton, Charles H. Columbus, Ohio

PUBLIC SCHOOLS—Continued

Gayman, Charles W. Toledo, Ohio

Genheimer, Eli T. Waco, Texas

Harlor, John D. Columbus, Ohio

Hatton, Otis C. Covington, Ohio

Hinckley, Martha E. Creston, Ohio

Lake, Charles H. Hamilton, Ohio

Miller, Edgar A. Negaunee, Mich.

Nichols, Rell H. Kenton, Ohio

Parkinson, George E. DeGraff, Ohio

Rower, Emma E. Milford Center, Ohio

Smith, Carl C. Socorro, New Mexico

Williams, Herbert O. Sacramento, Cal.

GRADE TEACHERS

Ball, Ernestine F. Columbus, Ohio
Ohio School for the Deaf

Crew, Kathleen Chesterhill, Ohio

Hixon, Grace C. Lansford, North Dakota

Merrill, Alice L. Chicago, Illinois

Norton, Mary C. Bellaire, Ohio

Smith, Albertine C. Columbus, Ohio

Smith, Mabel E. Unionville Center, Ohio

Taylor, Pearl V. Columbus, Ohio

TEACHERS IN HIGH SCHOOLS

Adell, Claude Ashtabula, Ohio
Mathematics and Science

Arms, Helen Piqua, Ohio
Domestic Science

Armstrong, Edna Columbus, Ohio
English

Arundel, John F. Cincinnati, Ohio
Assistant Principal

Atkinson, Agnes J. St. Paris, Ohio

Ayres, Fletcher Calexico, California
Mathematics and Science

Bancroft, Elizabeth H. Kalamazoo, Mich.
History

Bancroft, Katherine W. Circleville, Ohio
Latin

Barnaby, Josephine Cleveland, Ohio
Assistant Principal, East Cleveland High School

Bell, Mary Edith Columbus, Ohio
English

Beman, Lamar T Cleveland, Ohio

Bice, Hubert E. Kenton, Ohio
Science

Blake, Rosalie E. Cambridge, Md.
Domestic Science

Blakesley, Philip I. Cambridge, Ohio
English

Bostwick, Valeria Mansfield, Ohio

Brandon, Mary J. Columbus, Ohio
Physical Geography and English

Briggs, Warren M. Piqua, Ohio

Buck, Ralph W. Dayton, Ohio
Chemistry

Byers, Ruby M. East Cleveland, Ohio
Domestic Science and Physiology

TEACHERS IN HIGH SCHOOLS—Continued

Caldwell, Clinton E. Bellaire, Ohio
Mathematics

Capell, Mary A. Covington, Ohio
Latin

Colton, Louise A. Sandusky, Ohio
English and History

Condit, Ira J. San Luis Obispo, Cal.
Science

Cone, John C. Oak Park, Illinois
English

Connell, Laura J. Columbus, Ohio
German

Connolley, Augusta Columbus, Ohio
Latin

Corbett, Mary C. Columbus, Ohio
English, Latin, Science

Downs, Edith Dennison, Ohio
German

Dugan, Edna L. Steubenville, Ohio
Latin

Eby, Earl E. Dayton, Ohio

Flynn, Mrs. Margaret S. Columbus, Ohio
Mathematics

Flynn, Maud Columbus, Ohio
Science

Frost, Elizabeth Shelby, Ohio
English

Gatrel, Ida K. Utica, Ohio
English and History

Goodell, Alice B. Columbus, Ohio
History and Mathematics

Grant, Ruth M. East Liverpool, Ohio
Mathematics

Greener, Nelle D. Fremont, Ohio
German and English

Gugle, E. Marie Toledo, Ohio
Secondary Mathematics

Guild, Mrs Mary B. Columbus, Ohio
Latin

Haessler, Anne Springfield, Ohio

Hedges, Hazel G. Hopedale, Ohio
Mathematics

Helms, Mary D. East Palestine, Ohio
German and Latin

Hickson, Dean M. Lancaster, Ohio

Horst, Ada E. M. Murphysboro, Ill.
German, Music, English

Horst, Bertha C. Hilliards, Ohio
English and Latin

Hunsicker, Thomas J. Johnston City, Ill.
Sciences

Huston, Eleanor C. Columbus, Ohio
Latin, Madison Township High School, Pickaway County

Jeffrey, Fred J. St. Louis, Missouri
Chemistry

Jennings, Edna F. Eaton, Ohio
Latin and German

Keller, Laura E. Porterville, California
Domestic Science

Kelley, Mary A. Columbus, Ohio
German

Kirby, Harriet R. Columbus, Ohio
Latin

Kochheiser, Charles C. Zanesville, Ohio
U. S. History and Civics

TEACHERS IN HIGH SCHOOLS—Continued

Laizure, Grant A. Seattle, Wash.
Science

Laughlin, Hugh New York City
English

Lebold, Waldo R. Cambridge, Ohio

Lentz, Florence Marysville, Ohio

Link, Cora M. Oak Harbor, Ohio
Mathematics

McCarty, Pearl A. Xenia, Ohio
Physics and Chemistry

McKinney, Alta Eaton, Ohio
Domestic Science, Algebra, Physiology

McMullin, John P. Hillsboro, Ohio
History and Civics

Markeson, Mary P. Columbus, Ohio

Massey, Herbert N. Victor, Colorado
Science

Mills, Glendora Findlay, Ohio
Mathematics

Mills, Helen Lorain, Ohio

Morrey, William T New York City

Morton, Cora Norwood, Ohio
Science

Murphy, Lura M. St. Clairsville, Ohio
Assistant Principal, Latin and English

Neeb, George F. Sandusky, Ohio
German

Parmenter, William W. Steubenville, Ohio
Physics

Pettit, Claude W. Logan, Ohio
Assistant Principal

Plum, Harley D. Cleveland, Ohio
Chemistry

Pollock, James A. Toledo, Ohio
Mathematics

Potter, Katherine M. Kenton, Ohio
English Literature and History

Ramsey, Eloise Madison, S. Dakota
Normal School English and History

Riker, Benjamin H. Shawnee, Oklahoma
English

Salt, Clifford G. Minneapolis, Minn.
Chemistry

Scott, Daisy M. Columbus, Ohio
Mathematics

Shade, Ernest F. Medina, Ohio
Science

Shelton, Florence E. Keyser, W. Va.
German and French

Shigley, Anna B. East Liverpool, Ohio
English

Singleton, Anna New Carlisle, Ohio

Smead, Anna E. Toledo, Ohio
Physiology

Stevenson, Mary M. Columbus Grove, Ohio
Latin and German

Taylor, Bessie B. Sandusky, Ohio
Latin

Taylor, C. Fletcher Hudson, Wis.
English

Taylor, Mary E. Columbus, Ohio
English and German

Thompson, Bessie A. Dayton, Ohio
Domestic Science

Thompson, Columbia A. Columbus, Ohio
Science

Thurston, Ariel N. Murphysboro, Ill.
Science

Tressel, Nettie E. Sistersville, W. Va.
History and English

Uncles, Margaret A. Columbus, Ohio
Latin

Washburn, Carl D. East Liverpool, Ohio
History

Washburn, George A. Toledo, Ohio
American History and Civics

Watters, Margaret A. Columbus, Ohio
Latin

Weber, Mary I. Washington, D. C.
Physical Training

Welling, Florence E. Columbus, Ohio
English and Music

Wilcox, Charles C. Kalamazoo, Mich.
U. S. History

Wright, Carrie Chicago, Illinois
Language and History

Wright, Nelle Spokane, Washington

SPECIAL TEACHERS

Art and Penmanship

Gothlin, M. Jean Lebanon, Ohio

Supervisors of Domestic Science

Byers, Ruby East Cleveland, Ohio

Campbell, Clara N. Evanston, Cincinnati, Ohio

Lanman, Faith R. Columbus,Ohio

Marshall, Ida Oshkosh, Wisconsin

Oberlin, Mary L. Mankato, Minnesota

Teachers of Domestic Science

Brittain, Mary C. Marshall, Texas

Crawford, Mary B. Industrial, W. Va.

Dornbusch, Louise M. Washington, D. C.

Fromme, Nola K. Calumet, Michigan

Hirsch, Freda Columbus, Ohio

Kauffman, Treva E. Osborne, Ohio

Lott, Helen F. Columbus, Ohio

Makepeace, M. Virginia Hilliard, Ohio

Sands, Forrest E. Milan, Ohio

Tangeman, Clara M. Fostoria, Ohio

Teachers of Manual Arts

Foster, William A. Wilmington, Del.

Wingard, Todd A. Xenia, Ohio
O. S. & S. O. Home

PUBLIC UTILITIES

GAS AND FUEL

Clagett, Edward F. Columbus, Ohio
Columbus Gas & Fuel Company

Morris, Will B. Muncie, Indiana
Central Indiana Gas Company

LIGHT AND POWER

Armstrong, Micajah R. Columbus, Ohio
Municipal Electric Light Plant

PUBLIC UTILITIES—Continued

Babbitt, Francis M. Columbus, Ohio
Columbus Railway & Light Company

Bossert, Carl D. Cuyahoga Falls, Ohio
Northern Ohio Power Company

Cowgill, Henry A. St. Joseph, Mo.
St. Joseph Railway, Light, Heat & Power Company

Crocker, Theodore D. Milwaukee, Wis.
Commercial Engineer, Milwaukee Electric Railway & Light Company

DeWolf, Roger D. Rochester, N. Y.
Rochester Railway & Light Company

Espy, Frank Tiffin, Ohio
Manager Ohio Light & Power Company

Harvey, George H. Niagara Falls, Canada
Canadian Niagara Power Company

Helpbringer, James N. Columbus, Ohio
Municipal Light Plant

Hunter, Madone C. Holton, Kansas
Holton Electric Light & Water Works

Jones, Arthur J. Niagara Falls, New York
Niagara Falls Power Company

Morrow, Rush B. Spokane, Washington
Electrical Engineer, Washington Power Company

Schneeberger, Grover B. Cleveland, Ohio
Cleveland Electric Illuminating Company

Scott, Wirt S. Columbus, Ohio
Municipal Light Plant

Tansey, Howard F. Dayton, Ohio
Construction Engineer, Dayton Power & Light Company

Wills, Ernest J. Niagara Falls, N. Y.
Construction, Ontario Power Company

RAILWAYS

Alsdorf, George Wm. Raton, New Mexico
Assistant Engineer, Santa Fe, Raton & Eastern Railway

Barnet, Clarence E. Pittsburgh, Pa.
Chief Clerk, Engineering Department, Pennsylvania Lines

Bonnet, Edwin S. Columbus, Ohio
T. & O. C. R. R.

Britton, Lloyd C. Manchester, Alabama
Civil Engineer, Alabama Central Ry.

Brumley, Daniel J. Chicago, Illinois
Office of Chief Engineer, Illinois Central Railway

Burns, James F. Elizabethtown, Ky.
Road Master, Louisville & Nashville Railway

Cameron, Gaylor M. Rochester, N. Y.
Master Mechanic, New York State Railways Company

Cowles, Howard E. Pleasantville, Iowa
Civil Engineer, Rock Island Railway

Curtis, Leigh G. Chicago, Illinois
Baltimore & Ohio Railway

Gould, Joseph E. Norfolk, Virginia
Motive Power, Norfolk Southern Ry.

Hopkins, Earl O. Pikeville, Ky.
Civil Engineer, Draftsman, S. V. & E. Railway

Ireland, Guy G. New YorkCity
Construction Engineer, Chicago & Eastern Illinois Railway

Jenkins, Willis H. Sheridansville Sta. Pittsburgh, Pa
Civil Engineer, P., C., C. & St. L. Ry.

PUBLIC UTILITIES—Continued

Johnston, George E. Louisville, Ky.
Road Master and Assistant Engineer, L. & N. Railway

Krumm, Thomas Z. St. Paul, Minn.
Northern Pacific Railway

Leinbach, Heber W. Jacksonville, Fla.
Seaboard Air Line

McAlister, Lee P. St. Louis, Mo.
Coal Agent, Frisco Lines

McCreary, Oliver L. Pittsburgh, Pa.
Accountant, Pennsylvania Lines

Mattoon, Wilford L. Columbus, Ohio
Real Estate and Tax Agent Hocking Valley Railway

Morehouse, Wallace W. Miamisburg, Ohio
Resident Engineer, C., C. & St. L. Ry.

Myers, Ord New York City
Engineer, Third Avenue Railway

Ozias, Clifford W. High River, Alberta, Canada
Irrigation Department, Canadian Pacific Railway

Potter, Carl V. Richmond, Ind
Civil Engineer, P., C. C. & St. L. Ry.

Poveleite, Henry A. (Smith) Cincinnati, Ohio
Freight Agent, Queen & Crescent

Rice, Ray H. Portsmouth, Ohio
Chief Draftsman, Norfolk & Southern Railway

Richards, Clare A. J. Crafton, Pa.
Inspector of Bridges, Pennsylvania Lines

Sackriede, William John F. Chicago, Ill.
Engineering Corps, B. & O. Railroad

Schilling, Julius H. Indianapolis, Ind.
Civil Engineer, Pennsylvania Railway

Schryver, Howard F. Columbus, Ohio
Assistant Engineer to Chief Engineer, T. & O. C. Railway

Sherman, John K. Newport, Ky.
Assistant Division Engineer, Cincinnati Division, Pennsylvania Railway

Stocker, James A. Columbus, Ohio
Chief Engineer, T. & O. C. & Z. & W. Railway

Stone, Carleton E. Pittsburgh, Pa.
Civil Engineer and Draftsman, P. & L. E. Railway

Strom, Lewis H. Cincinnati, Ohio
Civil Engineer of Construction, C. & O. Railway

Tudor, Glenn Sacramento, Cal.
Assistant Engineer, Southern Pacific Co.

Vandament, Harley L. Cincinnati, Ohio
Assistant on Engineering Corps, C. & O. of Indiana

Walker, Charles E., Jr. Bandy, Va.
Railway Inspector, Norfolk & Western Railway

Wise, Albert J. Houston, Texas
Chief Engineer, Westmoreland Railway

ELECTRIC RAILWAYS

Babbitt, Francis M. Columbus, Ohio
Assistant to Chief Engineer, Columbus Railway & Light Company

Bedwell, Charles F. Newark, N. J.
Public Service Railway Company

DeWolf, Roger Rochester, N. Y.
Rochester Railway & Light Company

Cowgill, Henry A. St. Joseph, Mo.
St. Joseph Railway & Light Company

PUBLIC UTILITIES—Continued

Fawcett, William C. Martins Ferry, Ohio
Construction Engineer, Wheeling Traction Company

Heaton, Merton T. Sacramento, Cal.
Assistant Engineer, Vallejo & Northern Railway Company

Knisely, Clyde J. New Philadelphia, Ohio
Civil and Construction Engineer, Northern Ohio Traction & Light Company

Season, Archibald B. Cuyahoga Falls, Ohio
Abstractor Northern Ohio Traction & Light Company

Singer, Roland P. Philadelphia, Pa.
Electrical Engineer, Rapid Transit Co.

Straub, Albert A. Pittsburgh, Pa.
Assistant Chief Engineer Power Stations, Pittsburgh Railways Company

SEWAGE COMMISSION

Clow, George V. Louisville, Ky.
Assistant Engineer, Designing Department

TELEPHONE

Biggert, Edward F. Brooklyn, N. Y.
Engineer, New York Telephone Co.

Frankenberg, John T. Providence, R. I.
Chief Engineer, Providence Telephone Company

Hope, Harry L. Kansas City, Missouri
Missouri & Kansas Telephone Company

Longsworth, Clyde B. Napoleon, Ohio
Napoleon Home Telephone Company

Manley, Rush E. Columbus, Ohio
Engineering Department, Central Union Telephone Company

Mellinger, Aubrey H. Brooklyn, N. Y.
New York Telephone Company

Mullin, William G. Columbus, Ohio
Electrolysis Expert, Central Union Telephone Company

Polk, Walter C. Kansas City, Mo.
Chief Engineer and General Superintendent, Home Telephone Company

Sherwood, Frank P. St. Louis, Mo.
Wire Chief, Bell Telephone Company, Missouri

Snyder, Floyd L. Columbus, Ohio
Engineering Department, Central Union Telephone Company

Tresselt, Oswald H. Glen Cove, Long Island, N. Y.
District Foreman, New York Telephone Company

WIRELESS TELEGRAPH

Marriott, Robert H. Brooklyn, N. Y.
Engineer, Marconi Wireless Telegraph Company of America

RAILWAY SERVICE

See Public Utilities

RAILWAY SERVICE—ELECTRIC

See Public Utilities

RANCHMEN

See Farmers

REAL ESTATE

Arras, Edmund F. Columbus, Ohio

Augspurger, Eugene R. Portland, Oregon

Baldwin, Carl M. Columbus, Ohio

Cheek, Ross W. Columbus, Ohio

Gorham, Ira G. Lancaster,California

Hagenbuch, Frank Calgary, Alberta, Canada

Hagerman, William R. Manvel, Texas

Hampton, H. Horton Cleveland, Ohio

Kinney, J. Edgar Columbus, Ohio

Kohr, Paul H. Linden Heights, Ohio

Mattoon, Winford L. Columbus, Ohio
Hocking Valley Railroad

Miller, Perl S. Columbus, Ohio

Monnett, Howard B. Columbus, Ohio

Parrett, Benjamin C. Cleveland, Ohio

Powers, Raymond C. Calgary, Alberta, Canada

Swickard, Charles R. Columbus, Ohio

Thompson, King G. Columbus, Ohio

RECLAMATION SERVICE

See Federal Service, Department of Interior

REDUCTION PLANT

See Municipal Service, Public Service Department

RESEARCH ENGINEERS

See Engineers

SALES AGENTS

Beatty, George W. Toledo, Ohio
Central Ohio Paper Co., Toledo Office

Clymer, Carleton Chillicothe, Ohio

Coates, Elmer W. Pittsburgh, Pa.
William G. Johnston & Company

Connable, Howard P. Toronto, Canada
S. H. Knox & Company

Connolley, Fred D. Columbus, Ohio
Central Ohio Paper Company

Dietrich, Charles H. Winchester, Ky.
American Book Company

Donley, Ford Cleveland, Ohio
Donley Brothers Company

Gehres, Loyd F. Cincinnati, Ohio
American Book Company

Guittard, Claude B. Los Angeles, Cal.
Securities

Hadsell, Harry I. Columbus, Ohio
Ginn & Company

Harvey, Emery W. New York City
D. C. Heath Company

Johnson, Benjamin M. Pittsburgh, Pa.
Central Ohio Paper Company

Kiplinger, Herman M. Cincinnati, Ohio
Aluminum Cooking Utensil Co.

Knoderer, Homer G. Columbus, Ohio
Electric Appliances

Krieger, Charles H. Columbus, Ohio
Chemicals

Laird, Maurice E. Ft. Wayne, Indiana
Packing Company

McMasters, Carlos L. Chicago, Illinois
Varnish

Ogden, Lester Columbus, Ohio
Wales Visible Adding Machine Co.

Pruner, Harry P. Chicago, Illinois
A. C. McClurg & Company

Schonthal, Derso C. Huntington, W. Va.
Steel Rails

Stephenson, Bertram S. Pittsburgh, Pa.
Pig Iron

Thompson, Roy W. Pittsburgh, Pa.
American Bank Note Company

Van Dorn, Horace B. Brookline, Mass.
Joseph Dixon Crucible Company

Wood, Charles L. Pittsburgh, Pa.
Steel

SALES ENGINEERS

See Engineers

SANITARY ENGINEERS

See Engineers

SANITARY ENGINEERS—MUNICIPAL

See Board of Health

SCHOOL SUPERINTENDENTS

See Public Schools, Administration Officers

SECRETARIES

Board of Trade

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Hood, Willard J. Cambridge, Ohio

Ohio Society for Prevention of Tuberculosis

Paterson, Robert G. Columbus, Ohio

Ohio State University, Secretary of Board of Trustees

Steeb, Carl E. Columbus, Ohio

Ohio State University Association

Warwick, Herbert S. Columbus, Ohio

Young Men's Christian Association

Hatfield, Clifford C. Columbus, Ohio

Sedgwick, Edgar C. Columbus, Ohio

White, James C. Marysville, Ohio

Young Women's Christian Association

Shepard, Jane A. Columbus, Ohio

SEWAGE COMMISSION

See Public Utilities

SEWAGE TESTING STATION

See Municipal Service—Public Service Department

STATE SERVICE

AGRICULTURAL EXPERIMENT STATION

Ball, Elmer D. Logan, Utah
Director Utah Station

Barker, Joseph F. Geneva, New York
Soil Investigation

Bugby, Morris O. Wooster, Ohio
Assistant in Department of Co-operation

Cotton, Edwin C. Knoxville, Tennessee
Assistant Entomologist

Elser, Wilbur L. Wooster, Ohio
Assistant in Department of Co-operation

Gaessler, William G. Ames, Iowa
Analytical Chemist

Galehouse, David W. Wooster, Ohio
Superintendent, Fair Exhibits

Goddard, Loring H. Wooster, Ohio
Agricultural Survey of State of Ohio

Gow, Montgomery R. Fayetteville, Ark.
Veterinarian

Harned, Robey W.
Entomologist Agricultural College, Miss.

Hayden, Cassius C. Wooster, Ohio
Dairy Department

Morris, Harry Baton Rouge, Louisiana
Assistant Veterinarian and Bacteriologist

Niswonger, Ray H. Lexington, Kentucky
Entomologist

O'Kane, Walter C. Durham, N. H.
Entomologist

Rietz, Henry L. Urbana, Illinois
Statistician

Selby, Augustine D. Wooster, Ohio
Chief, Department of Botany

Surface, Frank M. Lexington, Kentucky
Biologist

Taylor, Frederick W. Durham, N. H.
Agronomist

BOARD OF AGRICULTURE

Livingston, Inez Van Sickle Columbus, Ohio
Domestic Science Lecturer

Metcalf, Zeno Payne Raleigh, N. C.
Entomologist

Miller, Henry P. Delaware, Ohio
Lecturer

BOARD OF HEALTH

Booher, Warren H. Raleigh, N. C.
Sanitary Engineer

Koehne, Martha Columbus, Ohio
Chemist

Shaw, Isaac Henry Trenton, New Jersey
Veterinarian, State Laboratory of Hygiene

BOARD OF HORTICULTURE

Faxon, Richard Home address, Elyria, Ohio
Inspector, Montana

Sanders, James G. Madison, Wisconsin
Orchard and Nursery Inspector

BOARD OF PUBLIC WORKS

Sanzenbacher, Walter O. Columbus, Ohio
Civil Engineer, Canal Land Department

Slade, Lester P. Rochester, New York
Civil Engineer, Rodman
New York Barge Canal

COMMISSIONER OF SCHOOLS

Miller, Charles Christian Columbus, Ohio
Deputy State School Commissioner

STATE SERVICE—Continued

DEPARTMENT OF ATTORNEY GENERAL

Ahern, William J. Akron, Ohio
Special Counsel

STATE FORESTER

Hirst, Edgar C. Concord, New Hampshire
New Hampshire State Forester

Rane, Frank W. Boston, Mass.
State Forester of Massachusetts

STATE GEOLOGIST

Bownocker, John A. Columbus, Ohio
State Geologist

Condit, Daniel D. Columbus, Ohio
Geological Survey of Ohio

STATE HIGHWAY COMMISSION

Farquhar, Ivan A. Watertown, New York
Civil Engineer

Fawcett, William C. Martins Ferry, Ohio
Civil Engineer

Marker, James R. Columbus, Ohio
State Highway Commissioner

Tanner, John R. Zanesville, Ohio
Resident Engineer

STATE HOSPITAL FOR THE INSANE

Richardson, William W. Norristown, Pa.
Physician

STATE INSPECTION BUREAU

Crane, Joseph T. Charleston, W. Va.
Insurance

Garber, Frederick R. Charleston, W. Va.
Inspector

Kloeb, Frank L. Celina, Ohio
Examiner State Insurance Department

STATE MEDICAL BOARD

Matson, George H. Columbus, Ohio
Secretary and Treasurer

STATE PATHOLOGIST

Cook, Melville T. New Brunswick, N. J.
Agricultural Experiment Station

STATE VETERINARIANS

Gillie, George W. Fort Wayne, Indiana
Deputy State Veterinarian

Graber, Carlisle W. Mount Eaton, Ohio
Assistant State Veterinarian

Pierce, George H. Columbus, Ohio
Assistant State Veterinarian

STATIONARY ENGINEERS

See Engineers

STATISTICIAN

Hannum, William H.
Vengurle, Ratnagiri, India
President and Statistician Clerk of Presbyterian Church of India

STUDENTS—COLLEGE

See Universities and Colleges, Students

SUPERINTENDENT OF SCHOOLS

See Public Schools, Administration Officers

SURGEONS

See Physicians and Surgeons

SURVEYORS—DEPUTY COUNTY

See County Service

SURVEYOR—U. S.

See Federal Service, Dept. of Interior

TEACHERS—ART AND PENMANSHIP

See Public Schools, Special Teachers

TEACHERS—DOMESTIC SCIENCE

See Public Schools, Special Teachers.

TEACHERS—GRADES

See Public Schools

TEACHERS—HIGH SCHOOL

See Public Schools

TEACHERS—MANUAL TRAINING

See Public Schools, Special Teachers

TELEPHONE SERVICE

See Public Utilities

TELEPHONE ENGINEERS

See Engineers

TOPOGRAPHER

Le Feaver, James H. Washington, D. C.
U. S. Geological Survey

TRAVELING SALESMEN

See Sales Agents

UNDERTAKERS

Gillen, Austin P. Youngstown, Ohio

Schoedinger, George R. Columbus, Ohio

UNITED STATES SERVICE

See Federal Service

UNIVERSITIES AND COLLEGES

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Steeb, Carl E. Columbus, Ohio
Purchasing Agent and Secretary of the Board of Trustees, Ohio State University

Deans of Colleges

McPherson, William Columbus, Ohio
Graduate School, Ohio State University

Molloy, Mary A. Winona, Minnesota
College of St. Teresa, Winona, Minn.

Orton, Edward, Jr. Columbus, Ohio
College of Engineering
Ohio State University

Sabine, Wallace C. Cambridge, Mass.
Graduate School, Harvard University

White, David S. Columbus, Ohio
College of Veterinary Medicine
Ohio State University

High School Visitor

Twiss, George R. Columbus, Ohio
Ohio State University

House Superintendent

McKinley, Emma E. Columbus, Ohio
Oxley Hall, Ohio State University

College Presidents

Doney, Carl Gregg Buckhannon, W. Va.
West Virginia Wesleyan College

Sparks, Edwin E. State College, Pa.
Pennsylvania State College

Registrar

Cockins, Edith D. Columbus, Ohio
Ohio State University

Secretary

Steeb, Carl E. Columbus, Ohio
Ohio State University

University Editor

Mann, Wilbur E. Columbus, Ohio
Ohio State University

EXTENSION DEPARTMENT

Agriculture

Snyder, Addison H. Ames, Iowa
Iowa State College

Waid, Earnest D. Amherst, Mass.

Domestic Science

Edmonds, Mary E. Columbus, Ohio
Ohio State University

Jefferson, Elizabeth Columbus, Ohio
Ohio State University

Miskimen, Mabel Columbus, Ohio
Ohio State University

PROFESSORS

Agriculture

Higginbottom, Sam Allahabad, India
Supertintendent of Agricultural Department of Christian College

Agricultural Chemistry

Bear, Firmin E. Columbus, Ohio
Ohio State University

Johnson, Orville M. Columbus, Ohio
Ohio State University

Ruth, Walter E. Columbus, Ohio
Ohio State University

COLLEGE PROFESSORS—Continued

Agronomy

Doneghue, Ray C. Fargo, North Dakota
North Dakota Agricultural College

Fippin, Elmer O. Ithaca, New York
Cornell University

Hendrix, Wilbur J. Columbia, Missouri
University of Missouri

Livingston, George Columbus, Ohio
Ohio State University

McCall, Arthur G. Columbus, Ohio
Ohio State University

Miller, Merritt F. Columbia, Missouri
University of Missouri

Poindexter, Charles C. (colored)
Fisk University Nashville, Tennessee

Slate, William L. Orono, Maine
University of Maine

Taylor, Frederick W. Durham, N. H.
New Hampshire College

Animal Husbandry

Allen, Harry E. West Lafayette, Indiana
Purdue University

Eckman, Otto L. Durham, N. H.
New Hampshire College

McNutt, John C. West Raleigh, N. C.
North Carolina Agricultural College

Pew, William H. Ames, Iowa
Iowa State College

Shields, Richmond L. Agr. College, Miss.
Mississippi Agricultural College

Thompson, Benjamin L. Brookings, S. D.
South Dakota Agricultural and
Mechanical College

Vaughan, Henry W. Columbus, Ohio
Ohio State University

Architecture

Bradford, Joseph N. Columbus, Ohio
Ohio State University

Chubb, Charles St. J. Columbus, Ohio
Ohio State University

Bacteriology

Morrey, Charles Bradfield Columbus, Ohio
Ohio State University

Biology

Fullmer, Edward L. Berea, Ohio
Baldwin University

Hammond, Howard S. Agr. College, N. M.
New Mexico Agricultural College

Botany

Griggs, Robert F. Columbus, Ohio
Ohio State University

Chemistry

Boord, Cecil E. Columbus, Ohio
Ohio State University

Foulk, Charles W. Columbus, Ohio
Ohio State University

COLLEGE PROFESSORS—Continued

Howard, Curtis C. Columbus, Ohio
Starling-Ohio Medical College

Katz, Sidney H. Durham, N. H.
New Hampshire State College

Kimberly, Charles H. Philadelphia, Pa.
Medico-Chirurgical College

Leighninger, William B. Philadelphia, Pa.
University of Pennsylvania

McPherson, William Columbus, Ohio
Ohio State University and Dean of Graduate School

Stanton, Frederic M. Columbus, Ohio
Lecturer, Starling-Ohio Medical College

Sweeney, Orland R. Philadelphia, Pa.
University of Pennsylvania

Wilkinson, John A. Columbus, Ohio
Ohio State University

Dairying

Cadwallader, John M. Stillwater, Oklahoma
Oklahoma Agricultural and Mechanical College

Clevenger, William L. Columbus, Ohio
Ohio State University

Erf, Oscar Columbus, Ohio
Ohio State University

Rinehart, Frank E. Columbus, Ohio
Ohio State University

Domestic Art

Blohm, Anna F. Columbus, Ohio
Ohio State University

Shilling, Ida M. Cape Girardeen, Missouri
Missouri State Normal

Domestic Science

Crane, Alice Columbus, Ohio
Ohio State University

Freeman, Frances R. Moorhead, Minnesota
Department State Normal

Economics

Flocken, Ira G. Pittsburgh, Pa.
Accounting, University of Pittsburgh

Huntington, Charles C. Columbus, Ohio
Ohio State University

Saliers, Earl A. South Bethlehem, Pa.
Lehigh University

Sheets, Beatrice Columbus, Ohio
Ohio State University

Engineering—Ceramic

Orton, Edward, Jr. Columbus, Ohio
Ohio State University and Dean of Engineering College

Purdy, Ross C. Columbus, Ohio
Ohio State University

Engineering—Civil

Fitterer, John C. Laramie, Wyoming
University of Wyoming

Frazier, Forrest Faye Manhattan, Kansas
Kansas State Agricultural College

Morris, Clyde T. Columbus, Ohio
Ohio State University

Sherman, Christopher E. Columbus, Ohio
Ohio State University

Sperr, Frederick W. Houghton, Michigan
Michigan College of Mines

COLLEGE PROFESSORS—Continued

Engineering—Drawing

French, Thomas Ewing Columbus, Ohio
Ohio State University

Gilbert, Edward J. Columbus, Ohio
Ohio State University

Meiklejohn, Robert Columbus, Ohio
Ohio State University

Turnbull, William D. Columbus, Ohio
Ohio State University

Engineering—Electrical

Fish, Fred A. Ames, Iowa
Iowa State College

Heitmann, Albert H. Columbus, Ohio
Ohio State University

Scott, Charles F. New Haven, Connecticut
Sheffield Scientific School
Yale University

Thomas, George B. Colorado Springs, Colo.
Colorado College

Work, William R. Pittsburgh, Pa.
Carnegie Technical School

Engineering—Mechanical

Judd, Horace Columbus, Ohio
Ohio State University

Knopf, Carl L. Corvallis, Oregon
Oregon Agricultural and Mechanical College

English

Beck, Edwin L. Columbus, Ohio
Ohio State University

Graves, William L. Columbus, Ohio
Ohio State University

Harrington, Harry F. Columbus, Ohio
Ohio State University

McCarty, Leon B. Columbus, Ohio
Ohio State University

McKinney, Mary E. Urbana, Illinois
University of Illinois

Powell, Warren T. Minneapolis, Minn.
University of Minnesota

Taylor, Joseph R. Columbus, Ohio
Ohio State University

Williams, John C. Kansas City, Kansas
Kansas City University

Entomology

O'Kane, Walter C. Durham, N. H.
New Hampshire College

Sanders, James G. Madison, Wisconsin
University of Wisconsin

Education

Coursault, Jesse H. Columbia, Missouri
University of Missouri

Kohl, Clayton C. South Hadley, Mass.
Mt. Holyoke College

Forestry

Pflueger, Otto W. Columbus, Ohio
Ohio State University

COLLEGE PROFESSORS—Continued

Geology

Bownocker, John A. Columbus, Ohio
Ohio State University

Hyde, Jesse E. Kingston, Ontario
Ontario School of Mines

Morse, William C. Columbus, Ohio
Ohio State University

Talbot, Mignon South Hadley, Mass.
Mt. Holyoke College

German

Cartmell, Bessie Ashland, Ohio
Ashland College

Horticulture

Anspon, Berthold W.
Agricultural College, Mississippi
Mississippi Agricultural College

Davis, Vernon H. Columbus, Ohio
Ohio State University

History

Bentley, William P. Berkeley, California
Church History, University of California

Beyer, William A. L. Normal, Illinois
Civics, Illinois State Normal School

Siebert, Wilbur H. Columbus, Ohio
European History, Ohio State University

Wilgus, James A. Platteville, Wisconsin
History and Political Science
State Normal School, Wisconsin

Industrial Engineering

Diemer, Hugo State College, Pa.
Pennsylvania State College

Emrick, Ambrose A. Columbus, Ohio
Ohio State University

Industrial Research

Clark, Hugh Pittsburgh, Pa.
University of Pittsburgh

Languages—Classical

Mitchell, Lynn B. Aledo, Illinois
William and Vashti College

Turner, Frederic L. Chicago, Illinois
Latin, Lewis Institute

Wolfe, Carrie E. Buckhannon, W. Va.
West Virginia Wesleyan College

Languages—Romance

Bruce, Charles A. Columbus, Ohio
Ohio State University

Law

Boesel, Frank T. Milwaukee, Wis.
University of Wisconsin

Cockley, William B. Columbus, Ohio
Ohio State University

Wilgus, Horace L. Ann Arbor, Mich.
University of Michigan

Machine Shop Practice

Knight, William A. Columbus, Ohio
Ohio State University

COLLEGE PROFESSORS—Continued

Mathematics

Bareis, Grace M. Columbus, Ohio
Ohio State University

Biebl, Andrew Joseph Columbus, Ohio
Josephinum College

Clevenger, Charles H. Manhattan, Kan.
Kansas Agricultural College

Crowe, Stanley E. East Lansing, Mich.
Michigan State Agricultural College

Dyche, Howard E. Pittsburgh, Pa.
University of Pittsburgh

Ernsberger, Iva Greenville, Illinois
Greenville College

Haigler, Charles E. Brookline, Mass.
Wentworth Institute Applied Science

Kindle, Joseph H. Cincinnati, Ohio
University of Cincinnati

Kuhn, Harry W. Columbus, Ohio
Ohio State University

O'Shaughnessy, Louis Philadelphia, Pa.
University of Pennsylvania

Rasor, Samuel E. Columbus, Ohio
Ohio State University

Rietz, Henry L. Champaign, Illinois
University of Illinois

Swartzel, Karl D. Columbus, Ohio
Ohio State University

Young, John W. Hanover, N. H.
Dartmouth College

Mechanics

Boyd, James E. Columbus, Ohio
Ohio State University

Coddington, Edwin F. Columbus, Ohio
Ohio State University

Metallurgy

Northrup, Harry B. State College, Pa.
Pennsylvania State College

Military Science

Peal, Allen S. (Colored) Kansas City, Kas.
Kansas Western University

Pathology—Clinical

Wood, Francis C. New York City
College of Physicians and Surgeons, Columbia University

Pathology—Plant

Cook, Melville T. New Brunswick, N. J.
Agricultural Experiment Station

Pharmacy

Dye, Clair A. Columbus, Ohio
Ohio State University

Spease, Edward Columbus, Ohio
Ohio State University

Philosophy

Talbot, Ellen B. South Hadley, Mass.
Psychology, Mount Holyoke College

COLLEGE PROFESSORS—Continued

Physics

Green, Sarah L. Chambersburg, Pa.
Physical Sciences, Wilson College

Kester, Frederick E. Lawrence, Kansas
Kansas University

Sabine, Wallace C. Cambridge, Mass.
Harvard University, Dean of Graduate School

Weimer, George O. Columbus, Ohio
Ohio State University

Physiology

Dresbach, Melvin Ithaca, New York
Cornell University

Durrant, Edwin P Westerville, Ohio
Ohio State University

Ralston, Wyatt E. Pullman, Wash.
Bacteriology
State College of Washington

Seymour, Raymond J. Columbus, Ohio
Ohio State University

Political Science

Dickey, Francis W. Cleveland, Ohio
Western Reserve University

Wilgus, James A. Platteville, Wisconsin
History, Wisconsin State Normal

Psychology

Talbot, Ellen B. South Hadley, Mass.
Mount Holyoke College

Rural Economics

Phillips, Thomas D. Columbus, Ohio
Ohio State University

Theology

Doan, Frank C. Meadville, Pa.
Philosophy of Religion
Meadville Theological Seminary

Veterinary Science

Francis, Mark College Station, Texas
Texas Agricultural College

Hadley, Frederick B. Madison, Wis.
University of Wisconsin

Harris, Ernest D. Agricultural College, Cass County, North Dakota
North Dakota Agricultural College

Lambert, Fonsa A. Columbus, Ohio
Ohio State University

Marsteller, Ross P. College Station, Texas
Texas Agricultural College

Murphey, Howard S. Ames, Iowa
Iowa State Agricultural College

Rothe, Henry H. Athens, Georgia
University of Georgia

Schalk, Arthur F. Agricultural College, North Dakota
North Dakota Agricultural College

White, David Stuart Columbus, Ohio
Ohio State University

Zoology

Harned, Robey W. Agr. College, Miss.
University of Mississippi

UNIVERSITIES AND COLLEGES—Continued

Herms, William B. Berkeley, California
University of California

Landacre, Francis L. Columbus, Ohio
Ohio State University

McGregor, James H. New York City
Columbia University

Metcalf, Zeno Payne Raleigh, N. C.
North Carolina Agricultural and Mechanical College

Osburn, Raymond C. New York City
Barnard College, Columbia University

Sigerfoos, Charles P. Minneapolis, Minn.
University of Illinois, Fellow in German

STUDENTS

Adler, Frederick H. Champaign, Ill.
University of Illinois, Fellow in German

Barrett, William M. Hillsboro, Ohio
Ohio State University, Engineering

Davies, Gordon Ann Arbor, Mich.
University of Michigan, Law

Dickey, Malcolm G. Ithaca, New York
Cornell University

Eckelberry, John W. Cambridge, Mass.
Harvard University, Law

Giesy, Paul M. Columbus, Ohio
Ohio State University

Groves, Sadie P. Shepard, Ohio
Ohio State University

Hesse, George New York City
Columbia University

Hjelm, Charles E. Cincinnati, Ohio
University of Cincinnati, Medicine

Kirkpatrick, Donald Columbus, Ohio
Ohio State University, Law

Klinefelter, Theron A. Columbus, Ohio
Ohio State University, Engineering

Kuenzel, Felix A. Philadelphia, Pa.
Philadelphia Textile School

Mark, Clara G. Westerville, Ohio
Ohio State University
Fellow in Geology

Marsh, Frederick A. Columbus, Ohio
Ohio State University

Mulvey, Margaret Zanesville, Ohio
Law

Schlesinger, Arthur M. New York City
Columbia University
Fellow in American History

Sharon, John C. Columbus, Ohio
Ohio State University, Law

Shuler, Frank B. Philadelphia, Pa.
Philadelphia Textile School

Thomas, Phillips Princeton, N. J.
Princeton University

Wagenhals, Franklin C. Baltimore, Md.
Johns Hopkins University, Medicine

VETERINARIANS

Alcalay, Jonah S. Mishicot, Wis.

Canfield, Charles H. Island Pond, Vt.
Veterinary Inspector

Case, Claude H. Akron, Ohio
Castle, Bert W. Ashtabula, Ohio

Dock, Norton Cincinnati, Ohio

VETERINARIANS—Continued

Ellis, Charles St. Louis, Mo.

Foster, Thomas J. Monticello, Ill.

French, Charles S. Ironton, Ohio

Gillie, George W. Fort Wayne, Ind.
Deputy State Veterinarian

Gow, Montgomery R. Fayetteville, Ark.
State Experiment Station

Hamilton, Frank A. DuBois, Pa.

Johnson, Oscar J. York, Nebraska

Jordan, George S. Williamstown, Mass.

Leslie, Roy F. Columbus, Ohio
City Dairy Inspector

McClelland, Robert L. Chicago, Illinois

McCoy, Joseph A. Waynesville, Ohio

Moyer, Frank Carey, Ohio

Pettiford, Oscar C. Lima, Ohio

Pierce, George H. Columbus, Ohio

Potter, George M. Washington, D. C.
U. S. Bureau of Animal Industry

Roberts, Harry M. Washington C. H., Ohio

Shaw, Isaac H. Trenton, New Jersey
State Laboratory of Hygiene

Sparhawk, Howard H. Wichita, Kansas
U. S. Bureau of Animal Industry

Stewart, Dale B. Maynard, Iowa

Studer, Benjamin Orrville, Ohio

Turney, Carl D. Germantown, Ohio

Wilson, John O. Pendleton, Oregon
U. S. Bureau of Animal Industry

VETERINARIANS—STATE

See State Service

WATER WORKS

See Municipal Service, Public Service Department

WEATHER BUREAU

See Federal Service, Department of Agriculture

WIRELESS TELEGRAPH

See Public Utilities

WIRELESS TELEGRAPH—ENGINEER

See Engineers

GEOGRAPHICAL INDEX

AUSTRIA

BOHEMIA

Carlsbad

Boesel, Robert C. U. S. Consular Service

BRAZIL

PERNAMBUCO

Recife

Warner, John H. 65 Rua Da Aurora

CANADA

ALBERTA

Calgary

Hagenbuch, Frank Real Estate
813 Center Street

Powers, Raymond C. Real Estate
302 Fourteenth Avenue, West

High River

Ozias, Clifford Wheatley Civil Engineer

BRITISH COLUMBIA

Greenwood

Keffer, Frederick

Victoria

Gard, Irving Rider Mining Engineer
Canadian Collieries, Dunsmuir, Ltd.

ONTARIO

Aura Lake, Porcupine Dist.

Blosser, Rolland Ernest Mining Engineer

Haileyburg

Cragg, Shirley R.

Kingston

Hyde, Jesse Earl Professor of Geology
School of Mining

Toronto

Connable, Howard P. Mercantile Salesman
S. H. Knox & Company

QUEBEC

Vandreuil Station

Drackett, Harry Rogers Chemist

ENGLAND

London W. C.

McCarter, Edward Bancroft Attorney
7 New Square, Lincoln Inn

Kenilworth

Martin, Percy Electrical Engineer
"The Spring"

INDIA

Allahabad

Higginbottom, Sam Professor
Christian College

Passur

Lawrence, Mary Elizabeth Missionary
Sialkot District

RATNAGIRI

Vengurle

Hannum, William Hamilton
Missionary, Statistician

IRELAND

Dublin

Foote, Mrs. Ada May Nichols Osteopathist
(Mrs. H. R. Foote)
12 St. Andrew Street

Nichols, Ada May
(See Mrs. Ada May Nichols Foote)

MEXICO

El Oro

Myers, Albert B. Engineer of Mines
El Oro Mining and Railway Company

Fenix

Faust, Benjamin W. Mining Engineer
Coahuila

Mexico, D. F.

Judson, Walter R. Mechanical Engineer
Apartado 830

San Luis Potosi

Haverfield, Melvin George Mining Engineer
Cia Metalurgica Mexicana, Apartado 132

Santa Eulalia, Chih

Nieding, Frank Edward Mining Engineer

PORTO RICO

San Juan

Fassig, Oliver Lanard
Climatologist, Meteorologist, Geographer

UNITED STATES

ALABAMA

Birmingham

Brakeman, Roy Edgar Mechanical Engineer
Tennessee Coal & Iron Company

Groves, John Wesley Civil Engineer
1351 Brown Marx Building

Ensley

McFarland, Horace M. Mining Engineer
T. C. I. R. R. Co.

Gadsden

Taylor, Arthur Wallace
Mining Engineer, Metallurgist

ALABAMA—Continued

Manchester

Britton, Lloyd C. Civil Engineer

Montgomery

Ball, Fred Samuel Attorney
First National Bank Building

ARIZONA

Douglas

Hart, Harry Maurice Bureau Animal Industry
U. S. Department Agriculture

Phoenix

Borchers, Perry Elmer Civil Engineer
608 North Third Street

Tucson

Jaynes, Allan Brown Clerk U. S. Court
Journalist

Vinson, Albert Earl Agricultural Chemist
University of Arizona

ARKANSAS

Dague

Dilatush, William Henry Planter

Fayetteville

Gow, Montgomery Ronald Veterinarian

CALIFORNIA

Berkeley

Bentley, William Preston
Professor and Clergyman
2740 Hillegass Avenue

Herms, William Brodbeck
Professor of Entomology
1424 LeRoy Avenue

Calexico

Ayres, Fletcher Teacher
Chemistry and Mathematics, High School

Lancaster

Gorham, Ira Garfield Real Estate

Lincoln

Singer, Lewis Parmelee Chemist
Clay Products

Los Angeles

Geissinger, James Allen Clergyman
1017 West Thirty-fourth Street

Guittard, Claude Bernard Sales Manager
2430 South Flower Street

Herbert, Charles Thomas Attorney
2225 West Thirtieth Street

Mull, Bert LaForrest Attorney
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Porterville

Keller, Laura Edith Teacher
Domestic Science, High School
Box 316

CALIFORNIA—Continued

Redlands

Devol, William Stowe
Secretary Board of Trade

Riverside

Peters, William Lincoln Mayor
908 Tenth Street

Sacramento

Heaton, Merton T. Civil Engineer
605 Nicolaus Building

Tudor, Glenn E. Civil Engineer
Box 434

Williams, Herbert Oswald
Principal High School
608 Twenty-first Street

San Luis Obispo

Condit, Ira Judson
Teacher of Botany and Horticulture

Weaverville

Jotter, Artie May Lamb
(Mrs. Ernest Victor Jotter)
Jotter, Ernest Victor Forester

Lomb, Artie May
(Mrs. Artie May Lomb Jotter)

COLORADO

Central City

Alsdorf, Percy R. Consulting Engineer

Colorado Springs

Thomas, George Brinton
Professor of Electrical Engineering,
Colorado College

Denver

Fackt, George Postel
Denver Terra Cotta Company
Central Savings Bank Building

Kirkpatrick, James M. Mining Engineer
629 Commonwealth Building

Rietz, J. H.
339 Railway Exchange Building

Florence

Harrison, William Waddington Banker

Fort Collins

Williams, John Oscar
Bureau of Animal Industry,
Colorado Experiment Station

Victor

Massey Herbert Nelson Teacher
316 Lee Avenue

CONNECTICUT

New Haven

Linn, Edward R.
60 Whaley Avenue

Scott, Charles Felton
Professor of Electrical Engineering
Yale University

CONNECTICUT—Coninued

Thomastown

Benedict, Eric Wilson Mechanical Engineer
R. R. No. 1

DELAWARE

Edge Moor

Foster, William A. Teacher of Manual Arts
R. R. No. 1

Wilmington

Harrington, Alfred Lewis Electrical Engineer
1612 Broome Street

DISTRICT OF COLUMBIA

Tacoma Park

Young, R. A.

Washington

Asher, Clyde B. Civil Engineer
1316 Euclid Street, N. W.

Asher, Mrs. Lois Strickler
(Mrs. Clyde B. Asher)
1316 Euclid Street, N. W.

Brooks, Herbert Barton Physicist
Bureau of Standards

Crabb, George Arthur
U. S. Department of Agriculture
Bureau of Soils

Chubb, Wistar Morris Civil Engineer
General Land Office

Dornbusch, Louise Marie
Teacher of Domestic Science
1221 K Street, N. W.

Washington—Continued

Duvel, Joseph William Tell
Crop Technologist
Bureau of Plant Industry,
U. S. Department of Agriculture

Eckman, Emil Clarence
Bureau of Soils,
U. S. Department of Agriculture

Francis, Edward
U. S. Public Health and Marine Hospital Service

Hendrix, Byron Murray Chemist
U. S. Department of Agriculture

Hite, Bertha C. Department of Agriculture

Jones, Grandville Reynard Chemist
Filtration Plant

LeFeaver, James Harrison Topographer
U. S. Geological Survey

Lorenz, Mrs. Nellie Sheets
"The Summit"

Marvin, C. F. U. S. Weather Bureau

McCombs, Charles Flowers Librarian
Library of Congress

Mooney, Charles W.
Scientist in U. S. Soil Survey,
U. S. Department of Agriculture

Morton, George L. 264 U. S. Patent Office

Nothstine, Arthur C. Chemist
Bureau of Standards

Potter, George Merritt Veterinarian
U. S. Department of Agriculture,
Division of Pathology

Priest, Irwin G. Physicist
U. S. Bureau of Standards
3327 Highland Avenue

Washington—Continued

Quigley, Frank Attorney and Student
Georgetown University

Reif, Charles Caleb Patent Attorney
U. S. Patent Office

Shaw, Edward Lee
Bureau of Animal Industry,
U. S. Department of Agriculture

Sheets, Nellie
(Mrs. Nellie Sheets Lorenz)

Sigerfoos, Edward War Department
Captain and Adjutant Fifth U. S. Inf.

Sosman, Robert Browning Physicist
Geophysical Laboratory

Strickler, Lois
(See Mrs Lois Strickler Asher)

Thompson, Carmi A. Interior Department
Assistant Secretary of Interior

Wilson, John Boynton Bureau of Chemistry
U. S. Department of Agriculture

Zimmer, James Francis Entomologist
U. S. Department of Agriculture

FLORIDA

Jacksonville

Leinbach, Heber Wilson Electrical Engineer
712 Riverside Avenue

Molino

Jacobi, J. Albert Lumber Dealer

St. Petersburg

Merrell, Bewley Mining Engineer

Merrell, George Bewley Farmer

Merrell, William Stanley Civil Engineer
Box 604

GEORGIA

Atlanta

Dunnick, Edward Mercantile Business
1202 Candler Building

Albany

Edgerly, Raymond J. City Engineer

Aledo

Mitchell, Lynn Boal
Professor of Classical Languages
William and Vashti College

Athens

Rothe, Henry H. Professor
University of Georgia

ILLINOIS

Bement

Bodman, Mary
(See Mrs. Mary B. Hammond)

Hammond, Mrs. Mary Bodman
(Mrs. William A. Hammond)

ILLINOIS—Continued

Champaign

Adler, Frederick Henry Teacher of German
406 East Chalmers Street

Chicago

Beardsley, Orsamus Drake Manufacturer
4325 Grand Boulevard

Beutler, Frank Ernest Electrical Engineer
Union Switch and Signal Company,
1041 People's Gas Building

Bohn, Frank Editor
118 West Kinzie Street

Booth, Carl Howard Advertising Manager
820 Edgecomb Place

Bostater, Herbert L. Telephone Engineer
5153 West Huron Street

Brumley, Daniel Joseph Civil Engineer
Office of Chief Engineer,
Illinois Central Railroad

Chaney, James William Clergyman
639 North Pine Avenue

Chubb, Joseph H.
1440 Commercial Bank Building

Crawford, William Sterling Journalist
9 South LaSalle Street

Curtis, Leigh Goodrich Civil Engineer
6910 Euclid Avenue

Forster, Charles Thomas
Mechanical Engineer
1314 North Shore Avenue

Frank, Sumner Baer Chemist
4747 Prairie Avenue

Gates, Ellis Day
Terra Cotta and Clay Products
2008 People's Gas Building

Gatewood Physician
Michael Reese Hospital

Gatewood, Lee Connel Physician
Presbyterian Hospital

Hange, Frederick Irving Electrical Engineer
213 West Michigan Street

Hine, L. A.
1620 East Randolph Street

Jackson, Benjamin Anderson
Custodian of Warehouse
4726 Racine Avenue

Liebich, Arthur T. Mechanical Engineer
1523 Jackson Boulevard

Lucas, Howard Johnson Chemist
1605 Heisen Building

McAllen, William Johnson Civil Engineer
1319 Wabausia Avenue

McClelland, Robert Lyle Veterinarian
1614 Heyworth Building

McCoy, Homer Wirt Banker
5111 Washington Avenue

McMaster, Carlos Lenox Salesman
320 West Twenty-sixth Street

Mathias, Lewis Dwight Chemist
6545 Kimbark Avenue

Merrill, Alice Louise Teacher
342 West Sixty-seventh Street

Pruner, Harry Paul Sales Agent
6047 Woodlawn Avenue

Sackriede, William John Frederick
Civil Engineer
862 Newport Avenue

Skinner, James Graden Attorney
Corporation Counsel's Office, City Hall

ILLINOIS—Continued

Chicago—Continued

Turner, Frederick Lewis Professor
226 South Hoyne Avenue

Ward, Vernon Champlin Contracting Agent
American Bridge Company
Room 1306, 72 West Adams Street

Winger, Stanley DuBois Sales Engineer
4447 Indiana Avenue

Wonnell, Kent W. Patent Attorney
1124 Monadnock Building

Wright, Carrie Teacher
562 Oakwood Boulevard

Zink, Joseph Albert Electrical Engineer
705 Plymouth Building

Greenville

Ernsberger, Iva Professor of Mathematics

Granite City

Melick, Neal Albert Civil Engineer

Herrin

Carroll, P. H.

Johnston City

Hunsicker, Thomas Joshua
Teacher in High School

Maywood

Pearl, Allen Sexton
Manufacturer of Electrical Specialties
1516 South Sixth Avenue

Monticello

Foster, Thomas J Veterinarian

Murphysboro

Horst, Ada Emily Mary
Teacher in High School
1818 Walnut Street

Thurston, Ariel Norton Teacher of Science

Normal

Beyer, William Andrew Lawrence
Professor of History
1006 South Fell Avenue

Oak Park

Anderegg, Mrs. Edith Williams
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Cone, John Charles High School Teacher
Y. M. C. A.

Williams, Edith
(See Mrs. Edith Williams Anderegg)

Pekin

Wood, Paul John Manufacturer

Urbana

Bleininger, Albert V.
University of Illinois

Edmonds, G. L.
University of Illinois

McKinney, Mary Eula Professor of English
906½ West California Street

Rietz, Henry Lewis Professor
708 South Goodwin Avenue

Wheaton

Cosley, Harvey Harter Sales Engineer

INDIANA

Bluffton

Spitler, Grover O. Mercantile, Hardware

Evansville

Enlow, Charles Bates Banker
1104 Upper First Street

Fort Wayne

Gillie, George W. Veterinarian
634 Lawton Place

Laird, Maurice Ellsworth Salesman
Box 11

Serva, Adam Amos Sales Engineer
2420 Hoagland Avenue

Indiana Harbor

McKee, William Crooke
Manufacturer of Pig Iron

Smith, Carl Joseph Mechanical Engineer
3432 First Street

Indianapolis

Baker, Hugh Jacob Sales Engineer
415 Majestic Building

Schilling, Julius Henry Civil Engineer
Room 8, Union Station

Kokomo

Oakes, George W. Mechanical Engineer
727 South Market Street

Muncie

Croy, Harold Lee Mechanical Engineer
216 East Adams Street

Foss, Clarence Milton Automobiles
214 South Liberty Street

Hill, Frank Edwin Physician
215 West Jackson Street

Morris, Will Blymyer Gas
Central Indiana Gas Company

Richmond

Potter, Carl Vernon Civil Engineer
P., C., C. & St. L. Railway

West Lafayette

Allen, Harry Earl
Professor of Animal Husbandry
Purdue University

IOWA

Ames

Coover, W. F.
Iowa State College

Fish, Fred Alan
Professor of Electrical Engineering
Iowa State College

Gaessler, William George Chemist
Iowa State College,
Agricultural Experiment Station

Murphy, Howard Sylvester
Professor of Veterinary Medicine
Station A, 426 Welch Avenue

Pew, William Harper Professor
Iowa State College

Snyder, Addison H. Agricultural Extension
Iowa State College

IOWA—Continued

Des Moines

King, Roy Stevenson Mechanical Engineer
1706 S. W. Ninth Street

Marshalltown

Wood, Willard B. Farmer
R. R. 2

Maynard

Stewart, Dale Bernard Veterinarian

Pleasantville

Cowles, Howard Elbert Civil Engineer

Waterloo

Shaw, Arthur H. C. Construction Engineer
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KANSAS

Holton

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Topeka

Riddle, Lumina Cotton
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KENTUCKY

Elizabethtown

Burns, James Ferguson Civil Engineer
Louisville & Nashville Railroad

Lexington

Kinney, E. J.
Kentucky State University

Niswonger, Ray Holly Entomologist
225 South Limestone Street

Surface, Frank Macy Biologist
Kentucky Experiment Station

KENTUCKY—Continued

Louisville

Clow, George Valentine Civil and Sanitary Engineer
605 Equitable Building

Johnston, George Edward Civil Engineer
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Maysville

Walker, John Madison Civil Engineer

Newport

Sherman, John King Civil Engineer
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Owensboro

Gehres, Loyd F. Sales Agent
Box 72

Paducah

Vennum, Ralph Edward Mining Engineer

Pikeville

Hopkins, Earl Osborn Civil Engineer
S. V. & E. Railway

Winchester

Dietrich, Charles Henry Sales Agent
American Book Company

LOUISIANA

Baton Rouge

Morris, Harry Veterinarian
Louisiana Agricultural Experiment Station

Elizabeth

Fenstermaker, Charles Howard Civil Engineer

Monroe

Morrison, Robert O. City Engineer

New Orleans

Grant, Ernest Holman Chemist
Room 310, Custom House

Rothrock, Philip Board of Trade
U. S. Department of Agriculture, Grain Standardization

MAINE

Orono

Slate, William L., Jr. Professor of Agronomy
University of Maine

MARYLAND

Baltimore

McClure, Roy Donaldson Surgeon
Johns Hopkins University Hospital

Wagenhals, Franklin Clark Student, Medicine
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MARYLAND—Continued

Cambridge

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MASSACHUSETTS

Amherst

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Boston

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93 Broad Street

Bowling, Alonzo J. (Colored)
Hotel Manager
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Calkins, W. B.
220 Devonshire Street

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Contractor, Steel and Concrete
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Gerwick, Ben Clifford Civil Engineer
27 Dennison Street, Roxbury

Greener, George Courtright
Ceramic Engineer
Copley Hall, Clarendon Street

Rane, Frank William State Forester
6 Beacon Street

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Brookline

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Cambridge

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South Hadley

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Professor of Education
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Talbot, Ellen Bliss Professor of Philosophy
Mt. Holyoke College

Talbot, Mignon Professor of Geology
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West Newton

Anderson, Mrs. Ivand I. Mann
The Fessenden School

Mann, Ivand I.
(See Mrs. Ivand I. Anderson)

Williamstown

Jordan, George Selwyn Veterinarian

MASSACHUSETTS—Continued

Worcester

Dean, Charles Augustus Ceramic Engineer
The Norton Company

Follett, Mary
(See Mrs. Mary Follett Orton)

Orton, Mrs. Mary Follett
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Orton, Samuel Torrey
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MICHIGAN

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Bay City

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E. I. DuPont de Nempurs Powder Co.

Cadillac

Elsner, R. E.

Calumet

Fromme, Nola Katherine
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Detroit

Bornhorst, August Henry
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General Motors Company

Fisher, Charles Samuel Mechanical Engineer
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Robinson, Eckka
(See Mrs. Eckka Robinson Rowe)

Rowe, Mrs. Eckka Robinson
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MICHIGAN—Continued

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Sperr, Frederick William
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Kalamazoo

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Professor of Mathematics
Michigan State Agricultural College

Negaunee

Miller, Edgar Allan Principal of High School

Palatka

Doty, Oliver Perry, Jr. Mining Engineer

St. Johns

Scott, Walter Abner Physician

MINNESOTA

Duluth

Wagner, Oscar C.
Attorney and Credit Manager
Kelley-How-Thompson Company

Homer

Shira, Austin Flint U. S. Bureau of Fisheries
U. S. Fisheries Station

Mankato

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West High School

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Moorhead

Freeman, Frances R. Professor
State Normal

St. Paul

Krumm, Thomas Zettler Civil Engineer
Northern Pacific Railway

Winona

Molloy, Mary Aloysia Dean of College
College of Saint Teresa

MISSISSIPPI

Agricultural College

Harned, Robey Wentworth
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Shields, Richmond Lee
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MISSOURI

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Professor of Agronomy
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Miller, Merritt Finley Professor of Agronomy
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Jefferson Barracks

Ford, Stanley Hamer
Captain and Quartermaster
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Joplin

Butcher, Frederic Eric Manufacturer

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MISSOURI—Continued

St. Louis—Continued

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R. F. D. No. 9

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Durham

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Katz, Sidney Hershberg
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O'Kane, Walter Collins
Professor and Entomologist
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Taylor, Frederick W.
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NEW HAMPSHIRE—Continued

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NEVADA

Lahontan

Gould, William Stewart
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Alma

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"The Oaks"

Ancho

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Carlsbad

Heacock, C. C.

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North Tonawanda

Hoel, Sarah Elizabeth
(See Mrs. Sarah Hoel Mills)

Mills, Mrs. Sarah Elizabeth Hoel
(Mrs. Wm. M. Mills)

Orangeburg

Spurrier, John Rudolph
Electrical Engineer, Shop Supt.

Rochester

Cameron, Gaylor Malcolm
3 Marigold St. Mechanical Engineer

NEW YORK—Continued

Rochester—Continued

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Rochester Railway & Light Company

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NORTH CAROLINA

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Agricultural College of North Dakota

Schalk, Arthur F.
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Fargo

Doneghue, Ray Claude Professor
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Harris, E. D.

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McAllister, H.A.
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Hixson, Grace Catherine Teacher

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Hommon, Harry Britton Chemist
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Cline, Cecil Roy
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Amlin

Marsh, H. A.

Arcanum

Smith, John Albert
Mercantile, Leaf Tobacco

Ashland

Cartmell, Bessie Professor of German
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OHIO—Continued

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Fassett, Earle Walker Civil Engineer

Attica

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Watt, H. Huston Manufacturer Mining Cars

Beach Park

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Berea

Fullmer, Edward Lawrence
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Bethany

Williamson, Homer Davison Physician

Bethel

South, Dale Roland Manufacturer

Blaine

Wildermuth, Roy Lee
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Bloomingburg

Hughes, Henry T. Superintendent of Schools

West, F. L.

Bowling Green

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OHIO—Continued

Bradford

Little, Kenneth Attorney

Brookville

Mundhenk, Dr. H. C.

Mithoff, Mrs. Ruth Mundhenk
R. R. No. 1

Mundhenk, Ruth
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Bryan

Gardner, Harry W. Mercantile

Gardner, Walter Tomlinson Mercantile

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Agler, Abram Wilhelm Attorney

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Carey

Moyer, Frank Veterinarian

Carroll

Boving, Antonia

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Finney, Elkana Elhana Farmer

Celina

Kloeb, Frank L.
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Chesterhill

Crew, Kathleen Teacher

OHIO—Continued

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Carlisle Block

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Hunter, Junius Kline Journalist
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Dock, Norton Veterinarian
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OHIO—Continued

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Clarington

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Hyatt, Harry C. Landscape Engineer
1819 East 89th Street

Hyatt, Harry Mechanical Engineer
1819 East 89th Street

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OHIO—Continued

Cleveland—Continued

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Scott, Ernest Physician

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McCune, Charles N. School Superintendent

Columbus

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193 Woodland Avenue

Baldwin, Carl Montgomery Real Estate
64 Miami Avenue

Baldwin, Hugh Allen Physician and Surgeon
347 East State Street

Ball, Ernestine Faye .. Teacher
565 East Broad Street

Bancroft, Katherine Willett
High School Teacher of Latin, Circleville, Ohio
The Normandie

Banks, Thomas Dent Mechanical Engineer
163 West Ninth Avenue

Bareis, Grace M. Professor of Mathematics
201 West Eleventh Avenue

Barringer, Mrs. Margaret Kauffman
22 Fifteenth Avenue

Bean, Richard E.
821 East Main Street

Bear, Firman Edward
Professor of Agricultural Chemistry
55 East Woodruff Avenue

Beck, Edwin Long Professor of English
185 West Eleventh Avenue

Beer, James Anderson Bacteriologist
City Health Department

Belden, Sanford Bonner
Mining Engineer and Manufacturer
R. R. No. 5

Belknap, John Gordon Insurance
224 West Tenth Avenue

Bell, Florence L.
96 Lexington Avenue

Bell, Mary Edith
Teacher of English, High School
96 Lexington Avenue

Benbow, James Davis Draftsman
661 East Starr Avenue

Benoy, Wilbur Emanuel Attorney
52 East Gay Street

Berger, Joseph Carl Pharmacist
69 West Fourth Avenue

Bertsch, Joseph Franz Attorney
134 West Ninth Avenue

Biebel, Andrew Joseph Professor
821 East Main Street

Blackford, Robert Stanton Civil Engineer
86 East Eighth Avenue

Blakiston, Mary
(See Mrs. Mary B. Guild)

OHIO—Continued

Columbus—Continued

Bliven, Charles Edgar Mechanical Engineer
122 West Third Avenue

Blohm, Anna Frances
Professor of Domestic Art
22 East Fourteenth Avenue

Bonnett, Edwin Mine Engineer
293 West Eighth Avenue

Bonnett, Frank Henry Mechanical Engineer
293 West Eighth Avenue

Boord, Cecil Ernest Professor of Chemistry
230 West Ninth Avenue

Booth, George Hamilton Attorney
553 East Town Street

Bostwick, Homer Zurmehly Attorney
181 Thirteenth Avenue

Bott, George R.
1081 Hunter Avenue

Bowen, Charles Flood Physician
125 South Grant Avenue

Bowen, John Rochester Banker
110 East Oakland Avenue

Bownocker, John Adams
Professor and State Geologist
Ohio State University

Boyd, James E. Professor of Mechanics
92 West Lane Avenue

Boylan, Marguerite
155 Fourteenth Avenue

Bradford, Florence Josephine
1598 Neil Avenue

Bradford, Joseph N. Professor and Architect
Ohio State University

Brandon, Mary Josephine
Teacher of Physical Geography and English
118 Miami Avenue

Brightman, Harrison Morton Manufacturer
The Brightman Manufacturing Company

Brightman, Howard Latham Manufacturer
Brightman Manufacturing Company

Brightman, Joseph Herbert Manufacturer
Brightman Manufacturing Company

Bronson, Hiram Sherman Attorney
Harrison Building

Brown, Frederick W. Consulting Engineer
70 East Eighth Avenue

Bruce, Charles A. Professor of French
1981 Indianola Avenue

Burkett, D. Van Buren Physician
112 North Fourth Street

Burns, Sara L.
79 North Grant Avenue

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Carpenter, Jessie
(See Mrs. Jessie Carpenter Sears)

Carroll, Marie Josephine
47 Wilson Avenue

Caskey, George Alexander Mercantile
68 East Broad Street

Cave, Harry Edgar Mercantile, Paper
70 East Gay Street

Cheek, Ross William Real Estate
24 Fifteenth Avenue

Chubb, Charles St. John, Jr. Architect
Ohio State University

OHIO—Continued

Columbus—Continued

Clarke, Helen Margaret
1293 Neil Avenue

Clevenger, William L. Professor of Dairying
Ohio State University

Clouse, Kenneth Atkinson Physician
1007 Oak Street

Cockins, Edith D.
Registrar, Ohio State University
1348 Neil Avenue

Cockley, William Barney
Professor and Attorney
Ohio State University

Coddington, Edwin Foster
Professor of Mechanics
426 Fifteenth Avenue

Condit, Daniel Dale Geologist
Geological Survey of Ohio

Connell, Laura Jewell
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Connolley, Augusta
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414 West Eighth Avenue

Connolley, Fred Davis Mercantile, Paper
1489 Michigan Avenue

Converse, Edward Jasper Clergyman
59 West Fourth Avenue

Corbett, Mary C. Teacher, High School
440 Stoddard Avenue

Cornell, Charles Brown
Civil Engineer with E. G. Bradbury
1806 North High Street

Corotis, Maxwell Edward Insurance
75 West Tenth Avenue

Corwin, Edwin Eugene Attorney
1373 Michigan Avenue

Covert, Florence
1969 Waldeck Avenue

Cowgill, Paul Everett
Mechanical Engineer, Draftsman
Weinman Manufacturing Company

Clagett, Edward Franklin Civil Engineer
1461 Worthington Street

Crane, Alice Teacher of Domestic Science
347 West Seventh Avenue

Crane, Carson Kinsell Mercantile
24 East Third Avenue

Crane, Evan J. Editor
24 East Third Avenue

Crowner, Delbert Alonzo
Manufacturer, Butter
428 East Gay Street

Damron, Carson Wiley
Mechanical and Structural Engineer
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Davis, Vernon Hayes
Professor of Horticulture
236 West Eighth Avenue

Davies, John Lodwick Attorney
1414 Eastwood Avenue

Demorest, D. J. Professor Metallurgy
Ohio State University

Detmers, Freda Professor Botany
Ohio State University

Dierdorff, Percy C. Sales Engineer
423 West Seventh Avenue

Dorsey, Walter Alfred Mechanical Engineer
70 East Welch Avenue

OHIO—Continued

Columbus—Continued

Downing, Ralph Hooper Civil Engineer
Jeffrey Manufacturing Company

Dun, Hattie Franklin
115 Woodland Avenue

Duncan, Robert Phifer Attorney
98 Hamilton Avenue

Dye, Clair Albert Professor of Pharmacy
1569 Worthington Street

Eagleson, Grace
84 North Ohio Avenue

Eagleson, John Hervey Attorney
16 East Broad Street

Eagleson, Joseph P. Attorney
16 East Broad Street

Earl, Grace
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Ebinger, David Hugo Mechanical Engineer
50 North Terrace Avenue

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(See Mrs. Corinne Echols Johnson)

Edmonds, Mary E.
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Eisenlohr, B. A. Professor of German
Ohio State University

Elden, Martha Guerin
(Mrs. Wallace S. Elden)
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Ely, Nelle
(See Mrs. Nelle Ely King)

Emrick, Ambrose Alfra
Professor of Industrial Arts
1967 Summit Street

Erf, Oscar Professor of Dairying
157 Twelfth Avenue

Erwin, Joseph Carter Attorney
80 East Frambes Avenue

Evans, Cora Roberts
(Mrs. William L. Evans)
81 South Champion Avenue

Evans, William L. Professor
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Everett, Frank Clerk
1256 Neil Avenue

Ewing, Harry Eastman Veterinarian
45 West Eleventh Avenue

Fay, Byron Ayres Manufacturer
346 Twentieth Avenue

Feiel, Ida
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Fergus, John F. Attorney
576 North High Street

Ferguson, James Warren
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Fieser, Louis Frederick Mercantile, Pig Iron
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Fisher, Clara
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Fisher, Dudley Tyng
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363 West Seventh Avenue

Flynn, Mrs. Margaret Sutherland
Teacher of Mathematics, High School
222 Marshall Avenue

Flynn, Maud
Teacher of Science, High School
338 West Sixth Avenue

OHIO—Continued

Columbus—Continued

Foster, Orie Floyd Mechanical Engineer
397 North Monroe Avenue

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Fullerton, Charles Hayward
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Goodman, Sylvester Jacob Surgeon
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Grosse, Simon John Clerk
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(See Mrs. Martha Guerin Elden)

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OHIO—Continued

Columbus—Continued

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Howard, Homer Curtis Insurance
178 South Eighteenth Street

Howard, Joseph Maurice Attorney
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Ohio State University

Hurlbut, C. C.
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OHIO—Continued

Columbus—Continued

Huston, Eleanor C.
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63 North Ohio Avenue

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Mercantile, Coal and Building Supplies
1828 North Fourth Street

Ingram, Imogene
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(Mrs. James R. Johnson)
R. R. 5, Grandview

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Jones, Fred Emerson Pharmacist
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Jones, Olive Librarian
Ohio State University Library

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Keiser, Romeo Orpheus Physician
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Kelly, Mary Agnes
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Kemmler, Edward Albert Civil Engineer
85 Deshler Avenue

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52 East Gay Street

Kern, Mary Hill
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Columbus Bolt Works

Kiler, Abdel William Pharmacist
Eighth Avenue and High Street

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(Mrs. William Newton King)
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Kirkpatrick, Donald Student, Law
64 West Ninth Avenue

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Kittle, James Monroe Manufacturer, Iron
47 King Avenue

Klinefelter, T. A.
207 West Eighth Avenue

Knight, Sidney Thomas Contractor
23 East State Street

Knight, William Abner
Professor of Machine Shop Practice
206 West Lane Avenue

OHIO—Continued

Columbus—Continued

Knoderer, Homer Guy
Salesman, Electrical Appliances
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356 West Seventh Avenue

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Traveling Salesman, Chemicals
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Kuhn, Harry W. Professor of Mathematics
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Landacre, Francis LeRoy
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Landacre, Walter Alexander Chemist
Landacre and Schroth
410 East Oakland Avenue

Landrum, Francis Harold Bacteriologist
228 North Monroe Avenue

Lanman, Faith Robinson
Director of Domestic Science
1447 Fair Avenue

Lattimer, Curtis Crum Civil Engineer
1370 Summit Street

Laylin, Clarence D.
303 West Eighth Avenue

Laylin, Robert Weyburn Bank Teller
City National Bank

Lee, Louis Robert Electrical Engineer
Broadview Avenue, Grandview Heights

Leslie, Roy Frank City Dairy Inspector

Levering, Orpheus Dumont Manufacturer
141 East Oakland Avenue

Lichtenberg, Mrs. Margaret Wilcox
(Mrs. Fritz A. Lichtenberg)
957 Madison Avenue

Lied, Ernst Mitchell Sales Engineer
721 Dennison Avenue

Lindsey, Theodore Clay Attorney
103 West Eleventh Avenue

Linton, Mrs. Mabel S. Holt
183 Seventeenth Avenue

Lisle, Mabel
(See Mabel Lisle Meade)

Livingston, George Professor of Agronomy
Ohio State University

Livingston, Mrs. Inez Van Sickle
(Mrs. George Livingston)
Domestic Science Lecturer
Grandview Heights

Long, Frank Clark Mercantile
5 Fifteenth Avenue

Loeb, Arthur Emanuel Mercantile Business
403 Stoddard Avenue

Lott, Helen Flowers Teacher
328 St. Clair Avenue

Lynn, Harry Mercantile Business
1251 Neil Avenue

OHIO—Continued

Columbus—Continued

McCall, Arthur Gillett
Professor of Agronomy
141 West Eleventh Avenue

McCallum, Raymond Mercantile, Coal
412 West Eighth Avenue

McCarty, Leon B. Teacher
1140 East Rich Street

McCleary, Clayton Asa Attorney
212 Fifteenth Avenue

McClintock, Chester Watson Pharmacist
64 Woodruff Avenue

McClure, Charles Walter Physician
207 East State Street

McKinley, Emma Evans
House Superintendent, Oxley Hall
Ohio State University

McKinley, Mary A.
(See Mrs. Mary A. Greaves-Walker)

McLaughlin, James B. Importer, Horses
47 West Third Avenue

McPherson, William
Professor of Chemistry and Dean of Graduate School
Ohio State University

Manley, Rush Emmett Telephone Engineer
1517 Worthington Street

Mann, Wilbur Edwin University Editor
Ohio State University

Marion, Mrs. Edith Mary Nesbitt
(Mrs. Frank D. Marion)
Livingston Avenue

Marker, James Reed
State Highway Commissioner
The Capitol

Markeson, Mary P. Teacher in High School
Bullitt Park

Marsh, Alice
(See Mrs. Alice Marsh Scott)

Marshall, George Sidney Attorney
217 West Eleventh Avenue

Matson, George Hiram Physician
1477 East Long Street

Matthews, Max Moses Bank Clerk
145 North Eighteenth Street

Mattoon, Wilford Lecky Real Estate
183 West Frambes Avenue

Maxwell, Ralph E. Contractor & Builder
1111 Neil Avenue

Mayer, Carl F.
552 Linwood Avenue

Means, Hugh Jackson Physician
715 North High Street

Meade, Mrs. Mabel Lisle
(Mrs. W. E. Meade)
135 King Avenue

Meek, William W. Manufacturer, Harness
1358 Bryden Road

Meiklejohn, Robert Professor, Drawing
1528 Worthington Street

Menefee, Augusta India
274 South Ohio Avenue

Miles, Mrs. Imogene Ingram
(Mrs. John Battelle Miles)
1567 Granville Avenue

Miller, Charles Christian
Deputy Commissioner of Schools
217 King Avenue

OHIO—Continued

Columbus—Continued

Miller, Henry Franklin Consulting Engineer
345 East State Street

Miller, Pearl Simpson Real Estate
1412 Bryden Road

Milligan, Mrs. Clara Fisher Teacher, Latin
(Mrs. James P. Milligan)
301 West Sixth Avenue

Mills, William C. Curator
78 West Tenth Avenue

Miskimen, Mabel Teacher
233 West Eleventh Avenue

Mitchell, Russell S.
1814 North High Street

Monnett, Howard Bennett Real Estate
144½ North Washington Avenue

Mooney, George L. Manufacturer
743 Dennison Avenue

Moore, Henry Curtis Attorney
Brunson Building

Morgan, Eugene Attorney
89 North Ohio Avenue

Morningstar, Charlotte
1275 Franklin Avenue

Morrey, Charles B. Professor, Bacteriology
188 West Tenth Avenue

Morris, Alice Louise Librarian
241 West Eighth Avenue

Morris, Clyde T
Professor of Structural Engineering
Ohio State University

Morse, William C. Professor, Geology
12 East Lane Avenue

Mount, Carroll Hays Mechanical Engineer
195 West Eleventh Avenue

Mullin, William George Electrical Engineer
1021 Highland Street

Myers, Herbert Merton Attorney
715 Harrison Building

Nailor, Joseph Charles Attorney
292 North Washington Avenue

Nash, Simeon Attorney
154 South Seventeenth Street

Neiswender, Lisle William Physician
2103 North High Street

Nesbitt, Edith Mary
(See Mrs. Edith Nesbitt Marion)

Nesbitt, Frederick C. Electrical Engineer
Station A, Route 5

Newlove, Florence Almeda
40 Parkwood Avenue

Norton, Victor Clarence Civil Engineer
348 Fifteenth Avenue

Ogden, Lester Sales Agent
106 Price Street

Oglesby, Nicholas Perkins Physician
72 Parsons Avenue

O'Kane, Sarah
(See Mrs. Sarah O'Kane Raymund)

Orton, Edward, J.
Professor of Ceramic Engineering and Dean of Engineering College
Ohio State University

Osborn, Samuel Galloway
Attorney and Judge of Police Court
1396 Fair Avenue

Page, Walter Sharp Attorney
935 East Broad Street

OHIO—Continued

Columbus—Continued

Paine, S. W.

Paterson, Mrs. Alma Wacker
(Mrs. Robert G. Paterson)
91 East Deshler Avenue

Paterson, Robert Gildersleeve
Secretary Ohio Society for Prevention of Tuberculosis
91 East Deshler Avenue

Pease, Edward L. Attorney
100 North High Street

Perry, Elma
(See Mrs. Elma Perry Foulk)

Peterson, Niels Mortensen, Jr.
38 Fifteenth Avenue

Petry, Bertha
(See Mrs. Bertha Petry Jeffers)

Pflueger, Otto W. Professor of Forestry
Ohio State University

Phelps, Cyrus Alba Mining Engineer
1365 Highland Street

Phillips, Lydia Ann Librarian
175 Lexington Avenue

Phillips, Thomas David
Professor of Rural Economics
118 East Franbes Avenue

Pierce, George Harold Veterinarian
239 East State Street

Pirrung, Mary C.
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Pleukharp, Irvin Hiram
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Wyandotte Building

Pryor, Charles F. Attorney
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Pugh, Lawrence Randolph Attorney
1287 East Main Street

Pulling, Margaret G.
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Purdy, Ross C.
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Randall, Emilius Oviatt Attorney
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Randall, Rita
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Rarey, Ralph Forrest Attorney
Wyandotte Building

Rasor, Samuel E. Professor, Mathematics
1594 Neil Avenue

Raymond, Stockton Attorney
Ruggery Building

Raymund, Frank M. Attorney
215 West Tenth Avenue

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215 West Tenth Avenue

Reeder, Charles Wells Librarian
2172 Indianola Avenue

Reinhard, Frances
1074 Oak Street

Rhodes, George Washington Attorney
1140 Mt. Vernon Avenue

Rickard, E. B.
333 West Tenth Avenue

Riddle, Eloise H.
160 West Fifth Avenue

OHIO—Continued

Columbus—Continued

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Ohio State University

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Roberts, Cora
(See Mrs. Cora Roberts Evans)

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Sabine, Annie
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Board of Public Works

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Scheibell, William Oliver Mining Engineer
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Ward & Schlesinger

Schlitt, William J. Builder and Contractor
17 King Avenue

Schneider, Bertha Mabel Librarian
1404 Wesley Avenue

Schoedinger, George Richard Undertaker
11 West State Street

Schryver, Howard French Civil Engineer
1374 East Main Street

Schueller, Erwin Waldemar Physician
150 and 904 East Broad Street

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Scott, Daisy Medill
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Summit Street

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Sells, Stanley Needels Credit Man
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Sharon, John Cunningham Student
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OHIO—Continued

Columbus—Continued

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Siebert, Wilbur Henry
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Smith, Helen Bertram
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Somermeier, E. E. Professor of Metallurgy
Ohio State University

Southard, Thomas Campbell
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Sutherland, Margaret
(See Mrs. Margaret S. Flynn)

Spease, Edward Professor of Pharmacy
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Speer, Carl Hall Mechanical Engineer
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Snively, Harry Hamilton Physician
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Stafford, Esther
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Professor of Mathematics
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20 East Broad Street

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OHIO—Continued

Columbus—Continued

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Taylor, Henry DeHass Bank Teller
406 West Sixth Avenue

Taylor, Joseph Russell Professor of English
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Taylor, Mary Eva Teacher
1568 Neil Avenue

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Tressel, Laura
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OHIO—Continued

Columbus—Continued

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Lamb, Whitney E. Banker

Conneaut

Durkee, Ralph Henry Principal of Schools

Conover

McGuffey, Francis Hoyt
Farmer, Truck Grower

Convoy

Stump, Franklin Pierce Farmer
R. R. No. 2

Corning

Shawan, Robert Foster Mining Engineer

Coshocton

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Box 136

Season, Archibald Bamber
Abstractor Traction & Light Co.

Dayton

Buck, Ralph William
Teacher of Chemistry, High School
107 Grimes Street

Cellarius, Frederick Julius
Consulting Civil Engineer

OHIO—Continued

Dayton—Continued

Cotton, William Lewis
Electrical Construction
417 Arcade Building

Dressler, Harvey Jacob Civil Engineer
27 Bradford Street

Eby, Earl E. Electrical Engineer
625 Lexington Avenue

Evans, Raymond Oscar Cartoonist
Dayton Daily News

Harshman, John Burnett Attorney
709-715 U. B. Building

Keilholtz, Lester Sneath
Mechanical Engineer, Draftsman
717 South Main Street

Kline, Charles Henry
Assistant City Engineer
46 LaBelle Street

Matthews, William Mills Attorney
511 U. B. Building

Moist, Harvey Clinton Manufacturer
1131 North Main Street

Mougey, Harry Clifford Chemist
Y. M. C. A.

Nordholt, John B. Mechanical Engineer
223 Hartford Street

Perfler, Arthur J. Attorney
The Pyrene Company

Sharts, Stanley Rush Civil Engineer
R. R. No. 2

Sloan, Norton Quincy Civil Engineer
242 Sunset Avenue

Tansey, Howard Fred Construction Engineer
104 Green Street

Thompson, Bessie A.
Teacher, Domestic Science, High School

Tyson, Ralph Stuart Draftsman
29 South Terry Street

Wilcox, Alva Newton Electrical Engineer
The Pinneo & Daniels Company

Zurfluh, William Nichols Electrical Engineer
271 Arcade Building

Degraff

Parkinson, George Edward
High School Principal
Box 332

Delaware

Balz, Carl Ernest Civil Engineer

Benton, Burton P. Attorney

Borror, R. M.

Brittain, Mary Corinne
Teacher of Domestic Science

Miller, Henry Paul
Farmer and Agricultural Lecturer
103 West Winter Street

Wolfley, John Willard Plumber

East Liberty

Hamilton, Lucy

East Liverpool

Grant, Ruth Matilda
Teacher of Mathematics, High School
207 Seventh Street

Shigley, Anna Belle
Teacher of English, High School
425 Gaston Place

Washburn, Carl DeWitt
Teacher in High School

OHIO—Continued

East Palestine

Helms, Mary Harris
Teacher of German and Latin
Box 36

Eaton

Jennings, Edna Fogg
Teacher in High School

McKinney, Alta
Teacher of Domestic Science

Elyria

Capron, M. F.

Faxon, Richard Horticulture Inspector
509 Middle Avenue

Stevens, Frank M. Attorney
232 Ely Power Building

Fredericktown

McClelland, George Cooper Farmer

Findlay

Child, James Leo
Manufacturer, Clayworking Industry

Iams, Guy Harrison Stationary Engineer
422 Davis Street

Mills, Glendora Teacher of Mathematics
224 West Main Cross Street

Stringfellow, Sidney Don Civil Engineer
307 West Sandusky Street

Flushing

Moody, Ancil E. Superintendent of Schools

Schaal, Wilbert Farmer

Foster

Foster, Thos. B. Farmer
Butterworth Farm

Fostoria

Tangeman, Clara Margaret Teacher
335 College Avenue

Genoa

Powers, Charles A.
Manufacturer of Advertising Novelties

Germantown

Houser, True
U. S. Department of Agriculture,
Bureau of Plant Industry

Turney, Carl Douglass Veterinarian

Glendale

Moist, Albert Reynolds Farmer

Greenfield

Dwyer, Horace Earl Farmer
R. R. No. 4

Napper, Charles William (Colored)
Manufacturer, Carriages

Patterson, Fred D. (Colored)
Manufacturer, Carriages

Greentown

Moore, Franklin Burdette Chemist

OHIO—Continued

Greenville

Craig, Ora Joseph Civil Engineer
335 East Main Street

Grove City

Linebaugh, Harry Farmer

Groveport

Needles, Ada R.

Rarey, Ernest G. Bookkeeper

Hamilton

Beeler, Clyde S. Pharmacist
143 S. E Street

Bock, Theodore E. Attorney
Reutschler Building

Boli, Peter Paul Attorney
617 Reutschler Building

Funk, John Rhea Pharmacist

Kauffman, Treva Erdine
Teacher of Domestic Science
219 Eaton Road

Lake, Charles Hamilton
Principal of High School

Reigart, Harry Russell Attorney
520-521 Reutschler Building

Wonnell, Harry S. Attorney
510-511 Reutschler Building

Ziliox, Leon J. Attorney

Haverhill

Boynton, Frank J. Farmer

Hebron

McCall, Lena Carroll

Hicksville

Lott, Charles Milford

Higby

Foster, Emma Warwick
Box 13, R. R.

Hilliard

Makepeace, Mary Virginia
Teacher of Domestic Science

Horst, Bertha Carolyn
Teacher of English and Latin, High School

Hillsboro

Barrett, William Mitchell Student

McMullen, John Pearce Teacher

Hooker

White, Thomas Pursell Farmer

Hoytville

Ketner, Victor Claine
Superintendent of Schools

Ironton

Crout, Ray Durand High School Principal
181 Jefferson Street

French, Charles Smith Veterinarian

OHIO—Continued

Ironton—Continued

Hutsinpillar, Neil Charles Bookkeeper
Box 242

Steinbacher, Karl Chemist
Superintendent Blast Furnace
100 South Second Street

Stewart, Earle Attorney

Kenton

Bice, Hubert Emerson
Teacher of Science, High School

Hopwood, Harry LeVoy Attorney

Nichols, Rell Hunt High School Principal

Potter, Katherine May Teacher, High School
354 North Detroit Street

Rubins, Frank D. Farmer

Kingston

Dunlap, Renick W. Farmer

Lakewood

Kalb, Warren Cornelius
Mechanical Engineer
1286 Beach Avenue

Price, Olive Edna Nurse
1212 Summit Avenue

Secrist, Fred Miller Attorney
1185 Andrews Avenue

Lancaster

Gromme, Irene
(See Mrs. Irene Gromme Kirn)

Hickson, Dean M. Teacher in High School

Kirn, Mrs. Irene Gromme
(Mrs. Jacob Keller Kirn)
236 East King Street

Martin, William K. Attorney

Lebanon

Gothlin, Mary Jean
Teacher of Art and Penmanship
112 Cherry Street

Miller, Roy Evans Civil Engineer
16 Mound Street

Leetonia

Halverstadt, Clark J. Farmer

Leipsic

Weaver, Samuel J. Farmer

Lexington

Chatterton, Rollin Mace
Mechanical Engineer

Hopkins, Lloyd Clark
Mechanical Engineer, Designer

Smith, Harry Ford Mechanical Engineer

Lima

Crayton, Guy A. Civil Engineer
669 South Main Street

Dean, Walter O Electrical Engineer

Everett, Emmit E. Attorney
Metropolitan Block

Lefferson, Charles Henry Pharmacist
213 West High Street

OHIO—Continued

Lima—Continued

McClung, Harvey Fillmore Draftsman

Pettiford, Oscar Collins Veterinarian
436 South M Street

Sprague, Charles Franklin Attorney

Linden Heights

Kohr, Paul Homer Real Estate
R. F. D.

Logan

Pettit, Claude Wescott High School Teacher
336 East Main Street

London

Adkins, Stanley Principal of High School

Lorain

Mills, Helen Teacher in High School

Lowellville

Allen, Lee Emel Mechanical Engineer

Loydsville

Drennen, Jefferson Nichol Physician

McArthur

Davis, Clara Maud Principal of High School

Malta

Hoffman, George T.

Mansfield

Bond, Allen Electrical Engineer
Advertising Manager, Ohio Brass Co.

Bostwick, Valeria High School Teacher
20 North Benton Street

Huston, Charles Henry Attorney

Kempton, Willard Hoyt Electrical Engineer
102 Sherman Avenue

Leibold, Carl Peter Sales Engineer
Ohio Brass Company

Lowe, Henry Jacob Attorney
43 Marion Avenue

McCray, Thomas Yates Attorney
County Prosecutor, Court House

Twitchell, Lee D.
Orchard Farm

Voegele, William Frederick Attorney
May Building

Marietta

Caskey, Fred Antram Mercantile Business
Steel Office Equipment
310 Washington Street

Dick, Ralph Heber
Mercantile Business, Office Supplies

Holdren, James Watson Pharmacist

McLaren, James Walter

Middleswart, Clarence Coulter Attorney
527 Third Street

OHIO—Continued

Marion

Katz, Etta May

Stump, William Lisle Pharmacist
M. L. Dumble, Pharmacist

Martins Ferry

Fawcett, William C. Construction Engineer

Kinder, Gordon D. Attorney

Marysville

Hopkins, Clara
(See Mrs. Clara Hopkins Snodgrass)

Houston, Christine

Kinkade, Alice Nurse

Lentz, Florence Teacher
221 West 5th Street

Snodgrass, Clara Hopkins
(Mrs. William H. Snodgrass)

Southard, Mrs. Edward

White, James Chalmer
Y. M. C. A. Secretary

Mason

Hjelm, Charles Emmett
Student in University of Cincinnati

Massillon

Davis, Thomas Charles Attorney
Opera Block

Medina

Shade, Ernest Franklin
Teacher of Science, High School

Nettleton, Albert W. Farmer

Mendon

Benton, Earl Wingfield Farmer

Miamisburg

Morehouse, Wallace Wilbur Civil Engineer
Box 402

Midvale

Hirst, Henry Mining Engineer

Middlefield

Belden, Lucy Phoebe

Middletown

Vandament, Orin L. Civil Engineer
704 Baltimore Street

Milan

Sands, Forrest E. Teacher

Milford Center

Rower, Emma E. High School Principal

Minerva

Thomas, David C. Ceramic Chemist

OHIO—Continued

Mt. Eaton

Graber, Carlisle Wynter Veterinarian

Mount Gilead

Talmadge, Henry Richard Sales Engineer

Warren, Milton Charles
Superintendent of Schools

Mt. Sterling

Bostwick, Oliver Newton Civil Engineer

Mt. Vernon

Beam, Henry Greer Attorney
121 East High Street

Fisher, Ethel
(See Mrs. Ethel Fisher Lamb)

Gehres, Hewitt Adam Mechanical Engineer
6 Third Street

Goodell, R. S.
Mt. Vernon Bridge Company

Kircher, Henry
407 East Gambier Street

Koons, Harry W. Attorney
Kirk Building

Lamb, Mrs. Ethel Fisher
(Mrs. Rex M. Lamb)

Lawler, James Frederick Pharmacist
1 West High Street

Levering, Russell Edgar Draftsman
801 East High Street

Morris, William Blaine
Mechanical Engineer and Designer
7 Wooster Avenue

Withgott, Frank Evans Civil Engineer
509 East Vine Street

Wolfe, Arthur Clifton Mechanical Engineer

Napoleon

Longsworth, Clyde Bronson
Electrical Engineer
Napoleon Home Telephone Company

Nelsonville

Juniper, Charles Walter Attorney
419 Scott Street

Marsh, Frederick Albert Student
327 Fort Street

Murphy, Joseph Lincoln Civil Engineer

Sharp, Charles C. Civil Engineer

Newark

Carpenter, Frank Simpson Credit Manager
120 North Fourth Street

Dillin, Ernest Stewart Clergyman
19 Jefferson Lane

Holcombe, Harry John Clergyman
65 Neal Avenue

New Carlisle

Singleton, Anna Teacher in High School

Waid, Clarence W. Horticulturist

Newcomerstown

Shaeffer, Ray

OHIO—Continued

New Lexington

Roach, Simeon Andrew Banker

Schachtel, Soll Harris Ceramic Engineer

New London

Crumrine, George Roy Farmer
R. R. No. 1

New Philadelphia

Fledderjohann, Ernest Clergyman

Knisely, Clyde J. Civil Engineer

New Straitsville

Barry, William John Civil Engineer

Gibbs, George C. Coal Operator

Martin, John Douglas
Manufacturer, Clay Products

New Vienna

Wright, Lawrence Good Farmer
R. R. No. 3

Niles

Knox, John Dorsey Physician

North Fairfield

Hinckley, Martha Elizabeth
High School Principal

Norwood

Hagemeyer, Earle Price Civil Engineer
2252 Jefferson Avenue

Morton, Cora Teacher of Science
2315 Washington Avenue

Oak Harbor

Link, Cora Mae
Teacher of Mathematics, High School

Oberlin

Hopkins, Bertha
(See Mrs. Bertha Hopkins Leonard)

Leonard, Mrs. Bertha Hopkins
(Mrs. F. E. Leonard)
174 East College Street

Okeana

Oyler, L. M.

Orrville

Studer, Benjamin Veterinarian
314 North Vine Street

Osborne

Fortney, Carleton Everett Mining Engineer

Ottawa

Eastman, LeRoy E. Attorney

Krauss, Bertha Katherine
Librarian, Johns Hopkins University
Baltimore, Maryland

Oxford

Hughes, Raymond M. Acting President
Miami University

OHIO—Continued

Painesville

Cook, James Smiley Civil Engineer

Crabbs, Jay Mitchell Civil Engineer

Ward, John Carroll Consulting Engineer

Pandora

Risser, Edwin Alvin Farmer

Risser, Louis David Farmer

Pataskala

Meek, Paul Deady Farmer
121 15th Avenue, Columbus, Ohio

Perry

Burr, Harriet Griswold
(See Mrs. Harriet Burr Tyler)

Tyler, Mrs. Harriet Burr
(Mrs. F. J. Tyler)

Piqua

Arms, Helen Teacher of Domestic Science
508 Caldwell Street

Briggs, Warren Milton High School Teacher

Hager, LeRoy W. Merchant
733 North Wayne

Klyne, Paul S. Mining Engineer and Chemist
2 Groff Block

Portsmouth

Ball, Emma Leanna
(See Mrs. Emma Ball Thomas)

Blum, Robert Gustav Pharmacist
808 Grimes Avenue

Marting, Ralph S. Mercantile Business
705 Findlay Street

Thomas, Emma Leanna Ball
(Mrs. Dan H. Thomas)
701 Chillicothe Street

Rome

Smith, Ethel Marie

Saint Paris

Atkinson, Agnes Jessie High School Teacher

Salem

Moore, Melbourne D. Dairy Farmer
R. R. No. 2

Sandusky

Colton, Louise Alden Teacher in High School
518 Wayne Street

DeWitt, Claude Bennett Attorney

Gascoigne, George Bradley Sanitary Engineer
810 Wayne Street

Neeb, George Frederick Teacher in High School
424 Franklin Avenue

Taylor, Bessie Battelle Teacher of Latin, High School
742 Central Avenue

Scio

Downs, Edith Teacher in High School

OHIO—Continued

Selma

Elder, Walter Newell Farmer

Wilson, Edith

Shawnee

Blaire, Edward Guy Mercantile Business

Schettler, Bruno August Mining Engineer
Peabody Coal Company

Shelby

Frost, Elizabeth
Teacher of English in High School

Green, Blanche Skiles
(Mrs. Thomas J. Green)

Green, Thomas J. Attorney

Skiles, Blanche
(See Mrs. Blanche Skiles Green)

Skiles, Roscoe Carleton Attorney

Shreve

Ebright, Melville Clark Farmer

Sidney

Marshall, Logan W. Attorney

Somerset

Caywood, G. Homer Farmer

Spencer

Monosmith, David Joseph Farmer

Springfield

Bayley, William D Mechanical Engineer
521 South Fountain Avenue

Haeseler, Anne Teacher in High School
276 Douglas Avenue

Harford, Fred L. International Harvester Co.

Keifer, William W. Attorney

Laybourne, Lawrence Everett Attorney
711 Fairbanks Building

Malone, James Bernard Attorney

Mickle, Edward Harrison Farmer
Lagonda View Farm

Morris, Harry Longworth Chemist
23 East Mulberry Street

Tavenner, Robert Lester
Concrete Construction
2594 Lagonda Avenue

Steubenville

Dugan, Edna Loretta
Teacher of Latin, High School
314 North Street

Parmenter, William Watts
Teacher in High School

St. Clairsville

Mitchell, Herbert W. Attorney

Murphy, Lura Mae Teacher in High School

St. Marys

Gordon, Sarah Bryarly
(See Mrs. Sarah Gordon Shuffelton)

Shuffelton, Mrs. Sarah Gordon
(Mrs. Frank A. Shuffelton)

OHIO—Continued

Stockdale

Emory, Charles M. Mercantile Business

Thornville

Rarick, Murray Mechling
Physician and Surgeon

Tiffin

Beck, Blacque Franklin Farmer
R. R. No. 9

Espy, Frank Ohio Light & Power Co.
9½ Monroe Street

Pence, William David Attorney

Porter, Clyde Carlton Attorney
106 Main Street

Toledo

Banker, Claude Rex Attorney
405-407 St. Clair Building

Beatty, George William Sales Manager
1638 Nicholas Building

Beatty, Marguerite
(See Mrs. Marguerite Beatty Hohly)

Calkins, Frank Elwood Attorney
829-830 Spitzer Building

Cohn, Aaron Attorney
1009-16 Nicholas Building

Cornell, Fred Albert Mercantile Business
The Willys-Overland Company

Cunningham, Charles G.
2120 Maplewood Avenue

Dowd, Charles Fuller Advertising Writer
1028 Virginia Street

Foster, Dudley Hampton Insurance
602 The Scottwood

Gayman, Charles W. Principal, High School
2615 Scottwood Avenue

Gugle, Elizabeth Marie
Teacher of Mathematics
20 The Scottwood

Hahn, George P. Attorney
1007 Nicholas Building

Hartman, Oscar Rudolph
Mechanical Engineer
1139 Michigan Street

Hohly, Marguerite Beatty
(Mrs. Paul Hohly)
6 Plaza Apartments

Jewell, Paul Everett Painter
2332 Putnam Street

Kirtley, Fred Hastings Attorney
1007-1016 Nicholas Building

Miller, Albert Howenstine Attorney
1119 Nicholas Building

Mundhenk, Frederick Life Insurance
1515 Collingwood Avenue

Pollock, James Arthur
Teacher of Mathematics
4 2340 Detroit Avenue

Smead, Annie Elizabeth
Teacher of Physiology, High School
624 Nessle Street

Wakefield, George William
Mercantile Agency, Reporter
522 Norwood Avenue

Washburn, George Adrian
Teacher in High School
The Monticello

Williams, Lloyd Thomas Attorney
1103-1115 Ohio Building

Winter, Nevin Otto Attorney
345 Irving Street

OHIO—Continued

Troy

Bagford, Elbert Harold

DeFrees, J. K. Troy National Bank

Johnston, H. L.
216 West Franklin Street

Rickey, Tallmadge A.

Union

Shellenbarger, M. R.

Unionville Center

Smith Mabel Elsie Teacher

Utica

Gatrel, Ida Katherine
Teacher of English and History, High School

Van Wert

Crooks, Clair L Mercantile, Hardware

Wapakoneta

Layton, Roy Everett Attorney

Warren

Cobb, Norval H. Mercantile Business

Love, Jacob Wainwright Manufacturer
309 Porter Avenue

Washington C. H.

Barnett, Earl R. Mercantile Business

Penn, Ralph Roger Farmer

Roberts, Harry M. Veterinarian

Waverly

Douglas, Sholto M. Attorney

Waynesville

Henkle, Sam D. County Surveyor

McCoy, Joseph Arthur Veterinarian

Wellston

Hutsinpiller, Charles Laiblin Pharmacist

Wellsville

Orr, Laura Corrine

Westerville

Durrant, Edwin Poe Professor, Physiology
Ohio State University

Mark, Clara Gould Student and Fellow
Ohio State University

West Leipsic

Hummon, Simon P. Farmer

West Manchester

Nelson, Leo Raymond
Drain Tile Manufacturer

Willoughby

Hill, Raymond Ward Architect

OHIO—Continued

Wooster

Bugby, Morris Oliver
Ohio Agricultral Experiment Station
106 North Buckeye Street

Bugby, Mrs. Valeria Riley
(Mrs. Morris Oliver Bugby)
106 North Buckeye Street

Elser, Mrs. Ruby L. Pitkin
(Mrs. Wilbur L. Elser)

Elser, Wilbur Lester
Ohio Agricultural Experiment Station

Galehouse, David William
Ohio Agricultural Experiment Station

Goddard, Loring H.
Agricultural Survey, State of Ohio
Ohio Experiment Station

Hayden, Cassius Clay
Ohio State Agricultural Experiment Station

Pitkin, Ruby L.
(See Mrs. Ruby Pitkin Elser)

Riley, Valeria
(See Mrs. Valeria Riley Bugby)

Selby, Augustine Dawson Botanist
Ohio Agricultural Experiment Station

Selby, Warren Fowke Attorney

Worthington

Case, Etta Luella

Cless, Mrs. Alla Rickey

Martz, Mrs. Amy L. K.

Mock, George Herbert Banker

Pocock, Carrie
(See Mrs. Carrie Pocock Ward)

Rickey, Alla Berta
(See Mrs. Alla Berta Rickey Cless)

Ward, Mrs. Carrie Pocock
(Mrs. Harry P. Ward)

Welling, Franklin Postle Architect

Xenia

Carpenter, Frances
(See Mrs. Frances C. Junk)

Junk, Frances Carpenter
(Mrs. Elmer Junk)

McCarty, Pearl A.
Teacher of Physics and Chemistry,
High School

Shawhan, Sylvan H. Farmer

Wingard, Todd Albert Mechanical Engineer
O. S. & S. O. Home

Yellow Springs

Carr, Mrs. Alice Derby

Derby, Alice
(See Mrs. Alice Derby Carr)

Youngstown

Berman, Samuel Joseph Architect
644 Market Street

Black, J. B.
1229 Kensington Avenue

Boehme, Adolph Joseph
Mechanical Engineer

OHIO—Continued

Youngstown—Continued

Bradford, Grace E.
520 Bryson Street

Calvin, Anthony Brackett Attorney
600-602 Wick Building

Gillen, Austin Peter Undertaker
11-17 West Commerce Street

Evans, Ernest Chemist
20 Falls Avenue

Moyer, Henry Elvin Chemist
360 Broadway

Pettit, James Myron
Contractor for Sheet Metal Work
248 East Boardman Street

Welsh, Allen Grover Pharmacist
19 Cleveland Avenue

Zanesville

Clarke, James Ulrick
Contractor and Electrical Engineer

DeCamp, Mary Adelaide
224 Putnam Avenue

Fergus, Guy Carlton Mercantile Business

Geddes, Donald Y. Civil Engineer
148 North Sixth Street

Holston, John George Frederick Surgeon
620 South Street

King, Robert James Attorney
People's Bank Building

Kochheiser, Charles Clinton
Teacher in High School, History

Merrick, Lawrence Hildreth Journalist
114 Jefferson Street

Mulvey, Margaret Student, Law
718 Elberon Avenue

Pence, Forrest Kizer Ceramic Engineer
1325 Ashland Avenue

Tanner, John Raymond Civil Engineer

Vanderbark, Weldon G. Farmer
R. R. No. 1

OKLAHOMA

Cherokee

Carpenter, Alanson Robert Attorney

Oklahoma City

Welday, Cora M.

Shawnee

Riker, Benjamin H. Teacher of English

Stillwater

Cadwallader, John Marsh
Professor of Dairying
Oklahoma State Agricultural College

Tulsa

Leedy, Charles A. Attorney

OREGON

Bandon

Balz, L. C. F. Box 387

Central Point

Yeager, William G. Horticulturist

OREGON—Continued

Corvallis

Knopf, Carl LaFayette
Professor of Mechanical Engineering
851 Tyler Street

Pendleton

Wilson, John Oscar Veterinary Inspector
Bureau of Animal Industry

Portland

Augspurger, Eugene R. Real Estate Agent

Dallas, John Thomas
Bureau of Animal Industry
1250 Campbell Street

Roseburg

Shoemaker, Carl David
Attorney, Editor and Journalist

PENNSYLVANIA

Brownsville

Young, Thomas Bruce Mining Engineer

Butler

Long, George Garfield Mining Engineer
404 Franklin Street

Cambridge

Green, Edward L. Insurance Agent

Canonsburg

Snodgrass, David Philips Farmer
R. R. No. 3

Carnegie

Gray, Arthur Elder Manufacturer
612½ Boquet Street

Catasauqua

Hall, Harry R. (Died January, 1912)

Chambersburg

Green, Sarah Letty
Professor of Physical Sciences
Wilson College

Crafton

Johnson, Walter A.

Richards, Clare A. J. Civil Engineer
85 Ridge Avenue

Creighton

Montgomery, Robert J. Ceramic Engineer
Pittsburgh Plate Glass Company

DuBois

Hamilton, Frank Alexander Veterinarian
107 West Weber Avenue

Dunbar

Caris, Ivan Burdell Mechanical Engineer
Semet-Solvay Company

Houtzdale

Quinn, John Mining Engineer

Johnstown

Welch, C. J. Columbia Steel Company

McKeesport

Savage, Luke Francis Civil Engineer

Meadville

Doan, Frank Carleton
Professor of Systematic Theology
519 Chestnut Street

PENNSYLVANIA—Continued

Monessen

Schuck, Carey L. Journalist

New Castle

Balph, Harold Russell
Architectural Draftsman

Chester, Walter Durst Architect
612 L. S. and T. Building

Fankhauser, Elmer Oscar Draftsman
110 Wallace Avenue

Norristown

Richardson, William Waddle Physician
State Hospital for Insane

Parrysville

Freeman, Stanton S. Mining Engineer

Philadelphia

Bailey, William Jesse Mechanical Engineer
United Coal Company

Fay, Perry Smith Mercantile Business
John Wanamaker Company
157 North Twentieth Street

Greenlee, Arden Dean Chemist
U. S. Department of Agriculture
1833 Chestnut Street

Kimberly, Charles Hubbell
Professor of Analytic Chemistry
734 North Nineteenth Street

Kuenzel, Felix Adam Student
1608 Christian Street

Leighninger, William Blaine
Professor of Chemistry
John Harrison Laboratory of Chemistry
University of Pennsylvania

Newton, Edwin Andrew Manufacturer
5130 Mervine Street, Logan

O'Shaughnessy, Louis Professor
3607-3609 Walnut St. The Maitland

Shuler, Frank Berger Student
Philadelphia Textile School

Sweeney, Orland R. Professor of Chemistry
John Harrison Chemical Laboratory
University of Pennsylvania

Pittsburgh

Barnet, Clarence Elwood Chief Clerk
Engineering Department
Pennsylvania Lines
1124 Union Station

Bock, Harrison Attorney
Lyon and Hunter

Chubb, Lewis W. Research Engineer
114 South Savannah Avenue

Clark, Hugh
Professor of Industrial Research
University of Pittsburgh

Coates, Elmer William Mercantile Salesman
Wm. G. Johnston & Company

Dyche, Howard E. Professor of Mathematics
134 Lincoln Avenue, Edgwood Park

Felger, Theodore Haines Sales Engineer
1407 Mellon Street

Fieldner, Arno Carl Chemist
Fortieth and Butler Streets

Flocken, Ira G. Professor of Economics
University of Pittsburgh

Fox, John H.
Schenley Hotel

Hood, Peyton R.
729 Maryland Avenue

Jenkins, Willis H. Civil Engineer
1228 Faulkner St., Sheridanville Sta.

PENNSYLVANIA—Continued

Pittsburgh—Continued

Johnson, Benjamin Monroe Sales Agent
1704 Keenan Building

Kilmer, Arthur David Civil Engineer
Y. M. C. A., East Liberty

Kirker, Harry L. Electrical Engineer
Westinghouse Electric & Mfg. Co.

Lincoln, Paul Martin Electrical Engineer
6830 Thomas Blvd.

McCreary, Oliver Linton
326 Semple St. Railroad Accountant

Montgomery, Earle Towse Ceramic Engineer
U. S. Bureau of Standards
Fortieth and Butler Streets

Murray, Gerard Archibald Ceramic Engineer
U. S. Bureau of Standards
Fortieth and Butler Streets

Myers, Joseph Simmons Journalist
The Pittsburgh Post

Myers, Uriah Henry Printer & Publisher
711 Liberty Street

Schmidt, John Peterson Veterinarian
312 Live Stock Exchange Building

Sill, Edgar Townsend Construction Engineer
336 Lehigh Avenue

Singer, Roland Preston Electrical Engineer
2250 North Seventeenth Street

Snyder, Charles Edwin Editor
National Stockman and Farmer

Stephenson, Bertram Shearer Sales Agent
M. A. Hanna & Company, Pig Iron

Stoltz, Glenn Edwin Electrical Engineer
Clover Club, Edgwood Park

Stone, Carleton Elijah Civil Engineer
506 P. & L. E. R. R. Station

Storer, Norman Wilson Electrical Engineer
6109 Howe Street

Straub, Albert Aloysius
417 Hastings St. Mechanical Engineer

Thompson, Roy W. Sales Agent
420 First Avenue

Wadsworth, Frank Lawton Olcott
1347 Oliver Bldg. Consulting Engineer

Wood, Chas. Lyman Sales Agent, Steel

Work, William Roth Electrical Engineer
1137 Murrayhill Avenue

Pottstown

Knopf, George William Assistant Manager
Structural Steel Company

Republic

Nold, Fred B. Mining Engineer

Scranton

McClintock, James Earl Editor
International Correspondence Schools

Sharon

Thomas, John Fred Mining Engineer
15 Logan Avenue

South Bethlehem

Saliers, Earl Adolphus
Lehigh University Teacher, Economics

State College

Diemer, Hugo Consulting Engineer
Professor of Industrial Engineering.
Pennsylvania State College

Lowe, C. D.

Northrup, Harry Benedict Professor
P. O. Box 194

Sparks, Edwin Erle President
Pennsylvania State College

PENNSYLVANIA—Continued

St. Marys

Sohn, Erwin Chemist

Swarthmore

Andrews, Catherine
(See Mrs. Catherine A. Gay)

Gay, Mrs. Catherine Andrews
(Mrs. Carl Gay) 233 Cornell Ave.

Swissvale Station

Schieber, Arthur LeRoy Electrical Engineer
812 Walnut Street

Shuler, William, Jr.
Electrical Engineer, Student
812 Walnut Street

Viets, Willis Burton Research Chemist

Tarentum

Jacobs, Wm. McFarlin Chemist
409 Ninth Avenue

Kerr, Charles Henry Chemist

Wellsboro

Bowser, Earl Levi Manufacturer
77 East Avenue

Wilkinsburg

Baughman, Ray Leslie Traffic Engineer
312 Kelley Avenue

Covell, Vernon Royce Civil Engineer
816 South Avenue

Dann, Walter Melville Electrical Engineer
900 Ross Avenue

Frye, A. Don Electrical Testing Dept.
1022 Ross Avenue

Galleher, Chester Perkins
Electrical and Telephone Engineer
907 Center Street

Gillespie, Stanley Edgar Electrical Engineer
810 Coal Street

Hipple, John Merton Electrical Engineer
121 Trenton Avenue

Skinner, Charles Edward Research Engineer
1309 Singer Place

Stull, Emmet W. Electrical Engineer
1114 South Avenue

Volkman, Robert E. Sales Engineer
515 Kelly Street

Wynne, Francis Edmund Electrical Engineer
1312 Elm Street

Wilmerding

Cusic, Howard Lupton Mechanical Engineer
231 Marguerite Avenue

PHILLIPINE ISLANDS

Cagayan, Misamis

Graham, John W.

Graham, Mrs. Louise Whipps
(Mrs. John W. Graham)

Whipps, Louise
(See Mrs. Louise Whipps Graham)

Manila

Toledo, Antonio Bureau of Public Works

RHODE ISLAND

Providence

Atkins, Gauis Glenn Clergyman
204 Bowen Street

Frankenberg, John Theodore
Telephone Engineer
Providence Telephone Company

SOUTH CAROLINA

Colleton

Frank, John Nicholas Logging Engineer

McBee

Kerr, Floyd Ellis Banker

SOUTH DAKOTA

Brookings

Thompson, Benjamin Lee
Professor of Animal Husbandry
705 Ninth Avenue

Madison

Ramsey, Eloise
Teacher of English and History
1307 Egan Avenue

Melette

Crabbe, Thyrza

TENNESSEE

Greenville

Bender, J. E.
U. S. Bureau of Animal Industry

Harriman

Evans, Arthur Wiley Mine Superintendent

Knoxville

Cotton, Edwin Charles Entomologist
Agricultural Experiment Station

Myers, Roy Vinton Civil & Mining Engineer
605 Empire Building

Nashville

Poindexter, Charles Cardoza (colored)
Fisk University Professor of Agronomy

Pranke, Edward John Chemist
American Cyanamid Company
Stahlman Building

Richard City

Beebe, Philip Sidney Chemist

TEXAS

Cement

Thomas, Edward Chemist

College Station

Francis, Mark
Professor of Veterinary Medicine
Texas Agricultural College

Marsteller, Ross Perry
Professor of Veterinary Medicine
Texas Agricultural College

Dallas

Johnston, Frederick S. Banker and Broker
1217-1218 Praetorian Building

Houston

Wise, Albert Joseph Consulting Engineer
722-723 First National Bank

Manvel

Hagerman, William Roy Real Estate

San Juan

Friend, Fred F. Civil Engineer

Waco

Genheimer, Eli T. Principal, High School

UTAH

Logan

Ball, Elmer Darwin
Director Utah Experiment Station
Utah Experiment Station

Murray

Osborne, Herbert Terrill Entomologist
U. S. Bureau of Entomology

Salt Lake City

Parks, Thaddeus Hedges Entomologist

Sunnyside

Rockhold, Cyrus K. Mining Engineer

VERMONT

Island Pond

Canfield, Charles Horace Veterinarian

VIRGINIA

Bandy

Walker, Charles Edwin, Jr.
Railroad Inspector

Norfolk

Atkinson, Warren
Mathew Fontain Mawry High School

Gould, Joseph Edward Supt. Motive Power
Norfolk Southern Railway

Plasterco

Theobald, Paul Frederick Mining Engineer

Portsmouth

Burrell, Glenn Smith Civil Engineer
Navy Yard Station

Rice, Ray Howard Civil Engineer
217 North Street

Richlands

King, Arthur Frank Cramic Engineer

Saltville

Gorman, Edwin W. Chemist

WASHINGTON

Bremerton

Stewart, John Gilbert Electrical Engineer
553 Burwell Avenue

Everett

Stiger, Thos. A. Attorney

Lakeview

Fox, Ross Garfield Rancher
R. R. No. 1

Naches

Finley, Guy Cephas
U. S. Reclamation Service

Pullman

Ralston, Wyatt E.
Professor of Physiology and Bacteriology
502 Maiden Lane

Seattle

Flynn, Harry Franklin
Box 1809 U. S. Engineers Department

Laizure, Grant Arlington Teacher
1902 Jackson Street

Spokane

McDougal, Taine Gilbert Ceramic Engineer
908 Knox Avenue

Morrow, Rush B. Electrical Engineer
Box 1390

Wright, Nelle Teacher in High School
Lewis and Clark High School

WEST VIRGINIA

Berwind

Levering, Howard Allen Mining Engineer

Buckhannon

Doney, Carl Gregg
College President and Clergyman
West Virginia Wesleyan College

Wolfe, Carrie Elizabeth Professor of Latin
West Virginia Wesleyan College

Charleston

Crane, Joseph Thompson
Bureau of Inspection—Insurance
W. Va. Inspection Bureau

Garber, Frederick Rummel
Box 624 Bureau of Inspection

Clarksburg

Altstetter, George J.
Civil and Mining Engineer

Elliott, Emmet Foster
Broaddus Ave. Architectural Draftsman

Coalton

Bischoff, John Wallace Mining Engineer

Fairmont

Arms, George Lynn Draftsman
723 Walnut Avenue

McCray, French Attorney
321 Madison Street

McCray, Richard Earl Dentist
306 Madison Street, Box 427

Rightmire, Robert E. Mechanical Engineer
Consolidation Coal Company

Holden

Hardy, Paul Mining Engineer

Huntington

Schonthal, Derso Clarence Sales Manager
W. Va. Rail Company, Steel Rails

Industrial

Crawford, Mary B. Teacher

Keyser

Shelton, Florence Elnora Teacher
Box 381

Martinsburg

Rothwell, James Martin Apple Shipper

Moundsville

Martin, Clare S.

Shinnston

Keely, Mrs. Ruby Knight
Owens Mine

Knight, Ruby
(See Mrs. Ruby Knight Keely)

Sistersville

Tressel, Nettie Evelyn Teacher

Thornton

McCann, James Stanislas
Manufacturer, Brick

Wellsburg

Tarr, Edward Reynolds Coal, Mine Operator

WEST VIRGINIA—Continued

Wheeling

Gray, Genevieve
(See Mrs. Genevieve Gray Rawson)

Hazlett, Robert Postmaster
921 Main Street

Rawson, Genevieve Gray
(Mrs. Levi Rawson)

WISCONSIN

Fox Lake

Woodborne, Edwin S. Manufacturer

Hudson

Taylor, Charles Fletcher Teacher
Galahad School

Madison

Davis, Daniel E.
Hydraulic and Sanitary Engineer
932 West Johnson Street

Hadley, Frederick Brown
Professor of Veterinary Science
University of Wisconsin

Sanders, James Glossbrenner
Professor and Entomologist
University of Wisconsin

Milwaukee

Boesel, Frank Tilden Attorney
308 Caswell Building

Crocker, Mrs. Hilda Weber
(Mrs. Theodore D. Crocker)
440 Kenilworth Place

Crocker, Theodore D. Electrical Engineer
440 Kenilworth Place

Mason, George F. Physician
395 Park Place

Metz, Ora Franklin Construction Engineer
Allis-Chalmers Company

Weber, Hilda
(See Mrs. Hilda Weber Crocker)

Mishicot

Alcalay, Jonah Samuel Veterinarian

Monroe

Schubert, Floribel Caroline Nurse
101 Monroe Street

Oshkosh

Marshall, Ida Teacher
377 Jackson Street

Platteville

Wilgus, James Allen
Profesor of History and Political Science
Wisconsin State Normal School

WYOMING

Cheyenne

DeFosset, Albert Jacob
Bureau of Animal Industry
U. S. Department of Agriculture

Cody

Donley, Russell Lee Attorney

Jennings, Wm. Silver
Superintendent of Schools

Laramie

Fitterer, John Conrad
Professor of Civil Engineering
University of Wyoming